NEXCOM
The Intelligent Systems

2017
Intelligent Platform & Services

- Digital Signage Player
- Digital Signage Appliance
- Video Wall Signage Solutions
- Kiosk Panel PC
- Open Frame Panel PC
- Passenger Information Panel PC

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ISP

Interactive Signage Platform

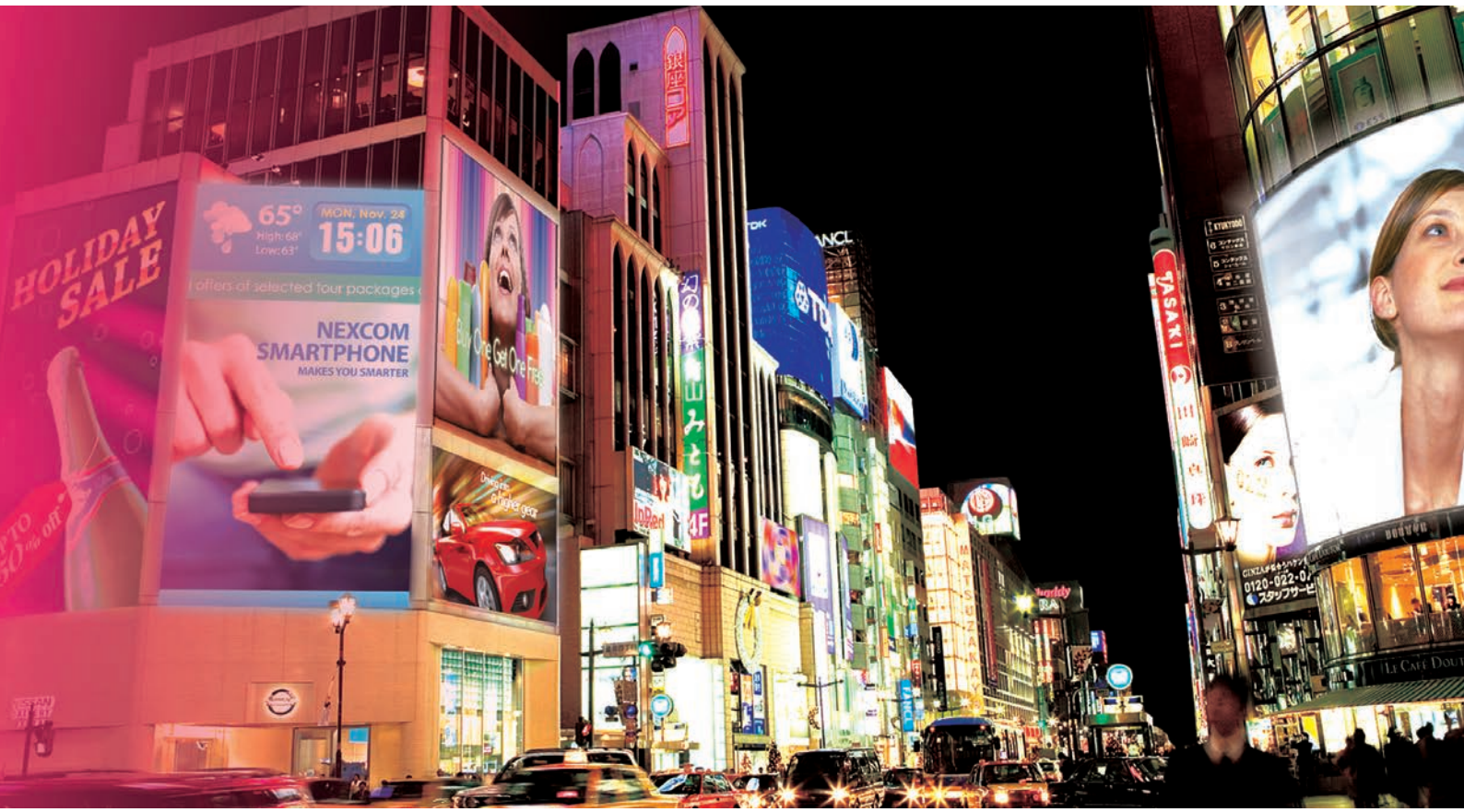
Digital Signage Player
Digital Signage Player Appliance
Video Wall Signage Solutions
Kiosk Panel PC
Open Frame Panel PC
Passenger Information Panel PC

Corporate Information

Vertical Industry Applications

Digital Signage Player

Box Player



About NEXCOM

Reliable Partner for the Intelligent Solutions

Founded in 1992 and headquartered in Taipei, Taiwan, NEXCOM is committed to being your trustworthy partner in building the intelligent solutions. To surpass customers' expectations, NEXCOM makes the difference by utilizing its decades of industrial computing experience, a highly talented R&D team, and by providing exceptional levels of customer service. With these core strengths, NEXCOM has enabled its customers to win key projects in a diverse range of industries.

With its focus on delivering these core values to better serve customers, NEXCOM integrates its capabilities and operates six global businesses, which are IoT Automation Solutions (IAS), Intelligent Digital Security (IDS), Internet of Things (IoT), Intelligent Platform & Services (IPS), Mobile Computing Solutions (MCS), and Network and Communication Solutions (NCS). This strategic deployment enables NEXCOM to offer time-to-market, time-to-solution products and service without compromising cost.

In addition, the service-to-market business model gives NEXCOM core competence to build a strong world-class service network by providing customized service, global logistics, local access, and real-time support. Operating six subsidiaries, from China, Italy, Japan, Taiwan, the United States, to the United Kingdom, NEXCOM is able to better facilitate customers' requirements as well as closely work with global partners in different regions.

Partners should also be assured that NEXCOM's Taiwan based Headquarters and subsidiary offices in China, UK and USA have obtained ISO 9001:2008 Certification.

IAS	iAutomation: Industry 4.0 Solution, industrial robot & motion, industrial network, DMS 4.0
IDS	Intelligent Digital Security: IP Cam, NVR, mobile server platform
IoT	Internet of Things: total solutions for vertical IoT applications Healthcare and Medical Informatics: total solutions with a variety of medical IT systems
IPS	Intelligent Platform & Services: smart retails, digital signage, interactive kiosk, customization services
MCS	Mobile Computing Solutions: rugged computer devices, rugged mobile computer Vehicle Telematics Computer: Car PC, heavy duty vehicle, train PC
NCS	Network and Communication Solutions : network security, HPC, telecommunication, storage, SDN/NFV, industrial security

Corporate Vision

To become the industrial leader in providing intelligent solutions, NEXCOM utilizes its industry leading technology, localized customer support and worldwide logistics services. This will be achieved by:

- Great team work
- Cooperation with trusted partners
- Growth through innovation

Corporate Mission

- An innovative supplier in vertical application markets
- A quality partner in engineering, manufacturing and services

Business Strategy

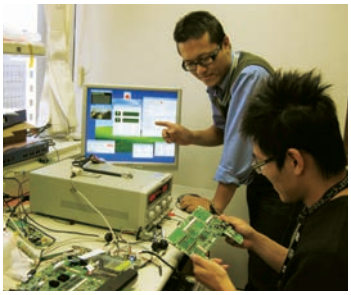
Aim to better support the activities of all its partners, NEXCOM divides its sales force into six dedicated business units to target rapidly expanding vertical markets. This enhances each business unit concentrating on strategic channel accounts and on repeat order business. Moreover, NEXCOM's business units have been set up to serve the requirements of key project accounts, where product ODM and project support are frequently required.

NEXCOM is working with embedded computing solution providers to envision new opportunities for growth. We'll help you deliver reliable vertical solutions, optimized for the next wave of IoT and Industry 4.0 solutions.

Research and Development

Innovation, Quality, Speed and One-stop Service

Over a decade ago, NEXCOM successfully launched the PEAK series of Single Board Computers onto the IPC market, and in doing so, gained a solid reputation for product quality and innovation. In subsequent years, NEXCOM has enhanced its reputation for R&D excellence with a multitude of high-end technology products, which has cemented NEXCOM as one of the industry leaders for R&D and innovation.



The mission of NEXCOM R&D team is to design exceptional products that meet the stringent requirements of today's global markets. In order to achieve this goal, we have recruited hundreds of talented engineers who have the knowledge and expertise to make NEXCOM's products stand out in this highly competitive market.

NEXCOM offers solutions for IoT gateway, robot controller, connected cars, Industry 4.0, and industrial security applications. The team is encouraged to "Think with New Ideas" and "Know how to make it and do it right first time". In addition, NEXCOM 's R&D team has been expanded to over 300 engineers with the ration of software engineers to hardware engineers coming to about 1:1, and remains as one of core competences of the company.

Versatile Design Capabilities

- Fanless technology for industrial computer
- High availability network security platform, blade, and cPCI
- Rugged tablet computer and car PC
- Ultra small footprint computer-on-module
- High speed networking
- Isolated and non-isolated power system
- Isolated and non-isolated industrial I/O
- Wide range of operating temperature

24/7 Production Line

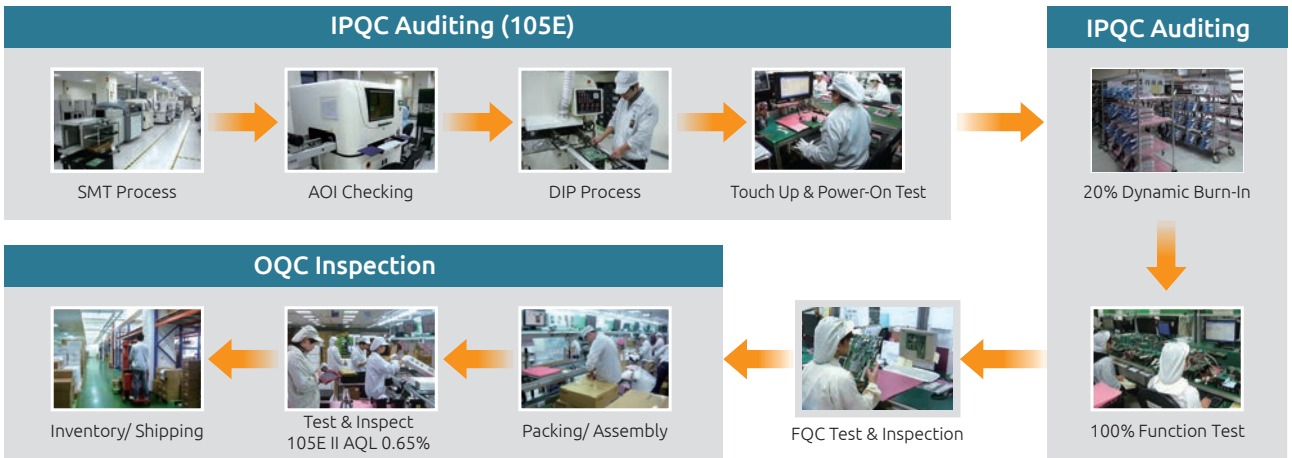
Optimal Manufacturing Efficiency

The manufacturing of delicate products requires a high-level technology, craftsmanship, standards and time-to-market efficiency. Over years continual investment in advanced manufacturing equipment and systemic training programs has enabled NEXCOM to obtain optimal manufacturing efficiency.

To fulfill the increasing market demand for NEXCOM's products, the company has opened a 24/7 production line. This investment not only furthers the quality of products, but also reduces production lead-time for all global customers.

Quality Assurance

Under a strict Quality Assurance System, product design and reliability are controlled to support all critical solutions, and ensure Total Quality Assurance (TQA) implementation for all NEXCOM products and service. Furthermore, NEXCOM technical support team aims to provide feedback within 24 hours to ensure technical issues are resolved in the shortest possible time.



Closed-Loop Quality Assurance System

Green Policy

As a global citizen, NEXCOM is committed to providing green products and services, which are compliant with WEEE and RoHS legislation. NEXCOM continues to proactively work with industry peers and suppliers, to clarify standards, and identify compatible technologies and practices that help reduce hazardous substances from our products and manufacturing processes.

Global Fulfillment Service

Product delivery and customer support are always more effective when delivered locally. NEXCOM localizes support and provides a global customer service network to handle all aspects of global business, from presales, order taking, and system assembly to logistics. For expeditious product delivery, NEXCOM has established four regional service centers: Taiwan (for Asia), USA (for North America and South America), the United Kingdom (for Europe) and China. Therefore, NEXCOM customers benefit from quality assured product assembly and four service centers.

NEXCOM has invested heavily to establish operational infrastructures, including advanced equipment and facilities, not only at its global headquarters but also at subsidiary offices. Today, each of our service centers, with ISO 9001:2008 certification, has a purpose built assembly line, RMA/ DOA center and warehouse storage capability.

NEXCOM Global Service Network

Assembly Line Operation

NEXCOM offers custom-built products based on customers' specific requirements through the build-to-order services. A dedicated 24/7 assembly line and Quality Assurance System are installed in the services center to ensure exceptional production efficiency and superb product performance and reliability.

Service Pledge and Connection

As a reliable intelligent systems provider for vertical markets, NEXCOM provides the very best products and the most expeditious service to help customers build the digital infrastructure. Comprehensive types of service are provided to promptly satisfy varying requirements. In addition to the headquarters in Taiwan, seven subsidiaries and distributors in strategic worldwide locations are at your service.

Service Types

- Quotation
- Project Consultant
- Technical Support
- Solution Alliance
- RMA/DOA
- Assembly/ Test
- Global Logistics
- Customization
- ODM
  Original Design Manufacturing

Your Truly Global Information Resource

www.nexcom.com

www.nexcom.com is your one-stop platform for the latest information on all NEXCOM products and services. The rejuvenated website not only contains product relevant information and data, solutions/ products demo, up-to-date news, but incorporates online downloads, publications, and technical service supports, such as RMA/ DOA centre. Furthermore to localize service and support, seven NEXCOM sister websites remain to serve visitors in diverse geographical regions.

Get the Latest Updates Anytime, Anywhere

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At the end of the year 2011, NEXCOM launches its mobile site, m.nexcom.com. The site aims to cross time and space boundaries by allowing users to access the latest innovation and information of NEXCOM via smartphones. On this website, users will easily find our latest products, news, application stories, white papers, and videos. The mobile site now supports iOS and Android system. Please visit us at m.nexcom.com.

Design and Manufacturing Services (DMS)

Customized Service for Tailor-Made Solutions

NEXCOM provides cost-effective and time-to-market Design and Manufacturing Services (DMS). The DMS offers product customization from core modular designs to finished products based on customers' specifications in all kinds of industrial field. The levels of the service include manufacturing new CPU boards and system based products to fulfill customers' unique applications.

Unique DMS Features

With vast experience, the know-how, leading technology and innovative design capabilities, NEXCOM DMS incorporates the following features:

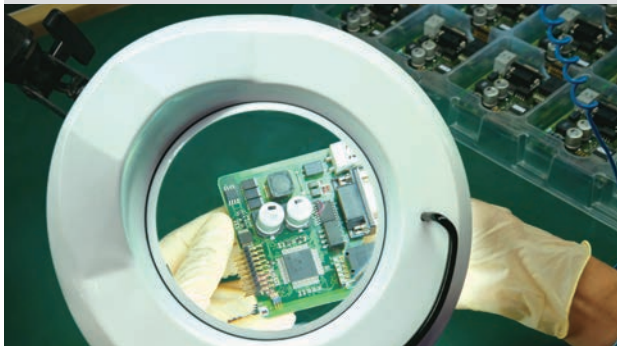
Prompt Time-to-Market

NEXCOM possesses a dedicated project management team to monitor and ensure each DMS project is delivered on schedule. Thus, a quick time-to-market solution can be offered with time-scales varying from one-three months for the design phase, with an average six month period from design to market.

Flexible Design and Manufacturing

NEXCOM possesses a complete R&D team to design and engineer the latest industrial grade products. As R&D engineers grouped into small cross-functional teams, they can develop more reliable products with flexible designs and quicker response to customers' requirements. In addition to our R&D capabilities, the state of art manufacturing facility and production lines enables NEXCOM to offer a flexible manufacturing with highly skilled factory staff.

Rigid Quality Control



NEXCOM is pledged to deliver high quality products, from design to manufacture, and safeguard against defective products by implementing a rigid Quality Assurance System. In this system, at the end of each process, NEXCOM performs various tests to ensure that the product passes the industrial standard before it enters into next stage. Finally, additional tests are performed to ensure all board and system level products function correctly. Tests include "Failure Mode and Effects Analysis", "Vibration Test", "Burn-in Chambers", "Drop Test", and "AC Power Source Test".

Extensive DMS Experience

We set higher standards! NEXCOM surpasses your tailor-made product requirements with extensive DMS experiences. We are specialized in X86 architecture and have accumulated invaluable experience and know-how in real working environments. Moreover, with a superb reputation, NEXCOM has under its belt many ODM projects in diverse fields, such as gaming, medical, POS, network security, transportation, marine, blade servers, and Linux BIOS etc.

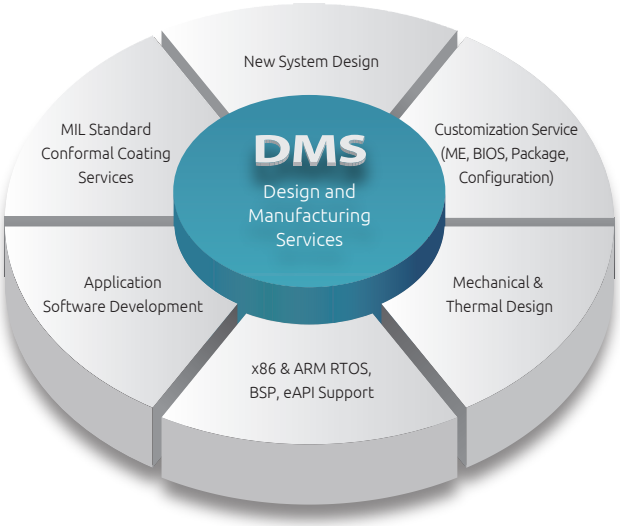
Scope of DMS Work

Original Design Manufacturing Service (ODMS)

NEXCOM offers a complete ODM Service starting from the brand new product design right through to the finished product. We can design products based on the customer's unique specifications and application requirements.

Customization to Order Service (CTOS)

NEXCOM also provides CTOS, which is a quick-to-market solution by modifying the existing products to fit your business requirements, such as BIOS setting, component change by using current PCM layout, chassis color change, and packing accessories etc.



Service of DMS

With decades of industrial computing experience, NEXCOM has the capability to provide different levels of customized service to manufacture innovative products with exceptional high quality. We can assist you to differentiate from competitors, and save significant time and efforts.

Level 1	Logo Re-brand	We provide the service to change the membrane to re-brand the company logo on the front panel. Customers need to provide Membrane drawing with all color pantone number. There is a service charge involved.
Level 2	Customerized Build	Customers can change the membrane and chassis color to re-brand the packing. NEXCOM can offer dedicated part numbers and BOM. MOQ and service charge are required.
Level 3	Manufacturing Service	Contract manufacturing. The service scope includes system assembly & burn-in, software loading & testing. MOQ and manufacturing service charge are required.
Level 4	New Project	The design of new board & system is available. NRE and quantity commitment are required.

Professional Conformal Coating Solution

Get Ruggedized with NEXCOM Cost-Effective Conformal Coating Service for Hash Environment Protection

Prompt Time-to-Market

NEXCOM recognizes the harsh reality that many embedded systems find themselves operating in unusual hostile environments. When conformal coating is required to protect your application against substantial humidity, dust, chemicals or temperature extremes, we can help!

Cost Effective Service to Apply Coating Solution in Vertical Market Segments

In addition to the usual military and harsh industrial environments that demand conformal coating, NEXCOM expand our conformal coating to Vehicle Telematics Computing, outdoor traffic control/surveillance, and off-shore Marine applications. These applications demand embedded computing performance with increased reliability through conformal coating process.

To support a wide range of applications in vertical markets, NEXCOM has engineered a diverse range of platforms, which incorporate the latest.

"State of the Art" Conformal Coating Line

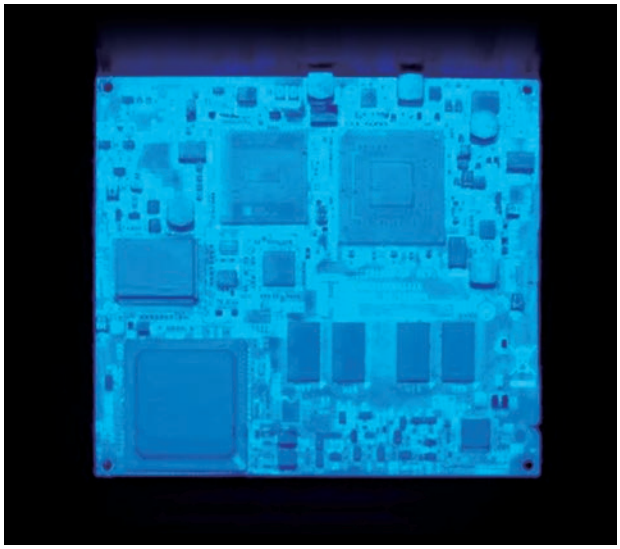
NEXCOM uses automated Conformal Coater equipment for applications that require a high level of accuracy and repeatability in moderate to high volume manufacturing environments. "State of the Art" coating line is a closed-loop robotic platform featuring optical encoder feedback on all axes.

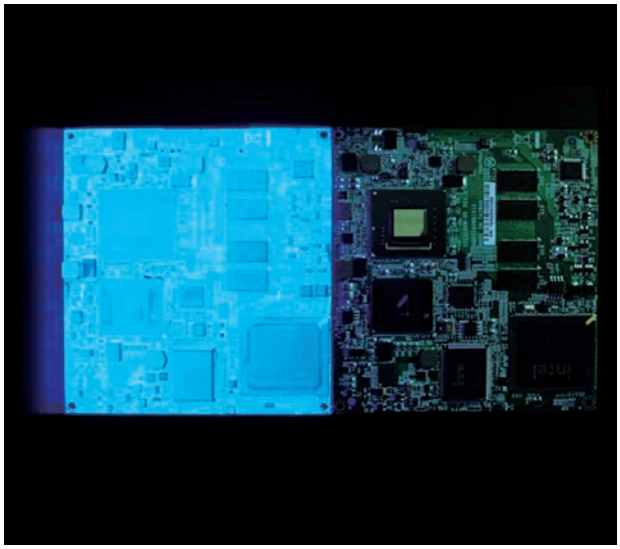
Smart Masking Technology

Our smart masking technology can pin point specific area on the PCBA for coating. The green, programmable conformal coater equipment allow user to only coat the area selected, which save labor/ material costs.

De-Flux Cleaning

To prepare a PCB for conformal coating, the circuits need to be cleaned. NEXCOM uses automatic defluxing and cleanliness testing systems. The deflux system is equipped with an automatic chemical management system that automatically doses and mixes defluxing chemicals at the turn of a keyed switch.





Real Time Cleanliness Testing

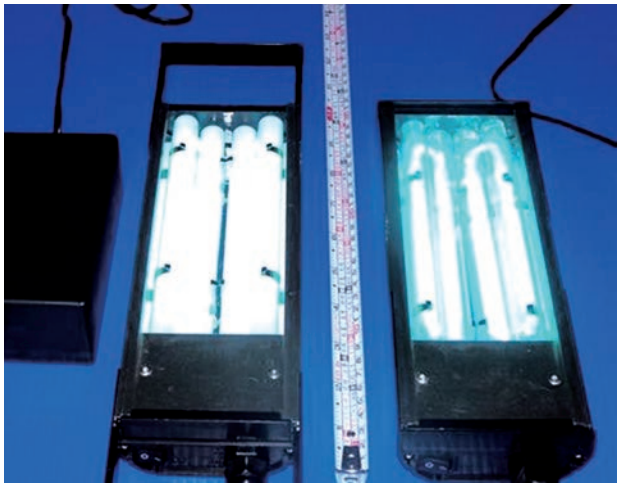
NEXCOM's deflux cleaning system is also equipped with an onboard cleanliness testing system which allows a user to program a desired cleanliness level. This assures that cleanliness levels will be consistent batch after batch.

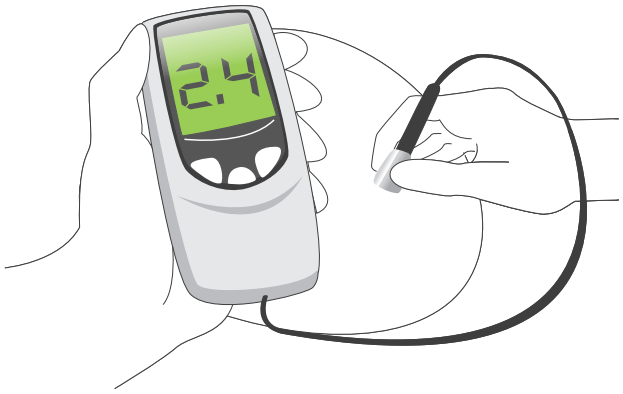
De-Coating RMA Service

NEXCOM offer De-Coating RMA service upon request. This new service allows you to further cost down and generate higher ROI.

Quality Assurance Policy and Consistency Guarantee

Conformal coating inspection is a critical factor in determining successful coating application and long term reliability of PCBs. Using the IPC standards allows the coating operator to monitor the coating application performance. NEXCOM offers 100% manual screening by examining the PCB under white and UVA light and Thickness Gauge.





NEXCOM follows IPC-A 610, IPC-CC-830, IPC J-STD-001E regulations to generate consistent, adjustable coating thickness and cleanliness.

NEXCOM's Specialties in Interactive Signage

Transformation

The driving forces of cloud technology, big data analytics and the Internet of Things (IoT) have sparked a new wave of innovations for the retail industry. For retailers, the transformation to Retail 4.0 requires the integration of omni-channel retailing and online-to-offline (O2O) commerce. One of the key technologies to unlocking this transformation is interactive signage.

Innovative User Experience

In the past, digital signage only provided one-way information delivery. With the advancement in cloud, big data analytics, image processing and IoT sensor technologies, digital signage today now provides smart, interactive technologies to engage customers in new exciting ways. Physical retailers are integrating online and offline shopping experiences and reinventing the real-world look and feel of brick-and-mortar stores. The rise of more smarter, connected interactive signage is bringing unprecedented opportunities for the retail market, helping retailers to become early adopters of Retail 4.0.

Looking back at the retail evolution, in-store digital signage only provided one-way information. The earliest form of retailing was open shelf stores, which then evolved into modern self-service supermarkets that marked the beginning of retail chains like Wal-Mart and Tesco and the transition from Retail 1.0 to Retail 2.0. In Retail 3.0, the retail industry was introduced to e-commerce and gave rise to big online retailers like Amazon and eBay. Now in Retail 4.0, the retail industry has taken a path to O2O commerce, where physical retailers provide offline customers with interactive online shopping experiences, reshaping the value of brick-and-mortar stores.

Interactive digital signage will become the catalyst to the Retail 4.0 transformation. Interactive signage can help physical retailers to integrate multiple online channels and provide real-time tailored messages in new exciting ways. Communicating information with vivid visual aids, interactive signage is the most ideal point of interest to deliver sales-oriented content. Furthermore, with the integration of interactive technology and improved image processing, digital signage can display tailored promotions or entertaining contents to a specific customer, and simultaneously engage the customer "calls to action" with virtual interactions to increase product interest and dwell time. Shoppers get a better experience because of shorter queues , and faster cycle time. And the retailer can better optimize their in-store staff. This will enhance the shopping experience, allowing customers to learn more about the product, increase purchase intent, and ultimately improve sales.

Interactive Signage Will Drive Omni Channel

Digital signage can integrate add-on software to create smart retail solutions that respond to the three major trends in Retail 4.0: omni-channel commerce, smart retail system and big data analytics.

For omni-channel commerce, connected O2O kiosks can help physical retailers to integrate multiple online channels to provide real-time tailored advertising, product searching and checkout services, reinvigorating customer interactions and shopping experiences. O2O kiosks can also integrate augmented reality (AR) technology and serve as a virtual product assistant to provide more in-depth information. Additionally, O2O kiosks can offer in-store digital services such as product label scanning, automatic checkout and customer call support to reduce wait times and improve service levels. When not in use, O2O kiosks can also display promotions or entertainment content.

For smart retail systems, in-store digital signage with image processing and tracking technology can visually see, sense or even hear the presence of nearby customers, and display dynamic content based on demographics. Take NEXCOM's smart retail solution for instance, which consists of the NDiS digital signage player and exclusive in-house software PowerDigiS. The bundled solution integrates technologies such as high resolution camera, facial recognition, radio-frequency identification (RFID), electronic shelf label (ESL) and beacon notifications. It also integrates Microsoft Azure cloud service platform for data analysis of viewer demographics such as age, gender and other attributes to display content tailored to the interest of a target audience group.

Boosting In-store Traffic with Big Data Analytics

There is an increasingly fierce competition between businesses in the retail industry. Retailers are relentlessly finding ways to optimize retail management efficiencies and customer shopping experiences to increase in-store traffic and sales while reducing operating costs. By utilizing retail analytics, retailers can analyze customer buying behavior, effectiveness of product placements, in-store traffic patterns and other parameters, allowing retailers to revise strategies and adjust resources accordingly to improve operations. To provide the image processing performance required for such analytics, NEXCOM's high-performance NDiS digital signage player features discrete NVIDIA graphics which can simultaneously analyze video streams of four IP cameras.

For retail analytics software, NEXCOM has collaborated closely with various regional partners to study and survey the needs and preferences of different markets to accurately provide the user interface and analytics algorithms relevant to each different sector. Customizations to fulfill special requirements are also available upon request.

Product Series	Focused and Diversified Strategy	Advantages
 NDiS B Series	Best-in-case fanless box player	· State-of-the-art fanless design with maximum performance · More legacy I/O ports integrating facial recognition, RFID, ESL and beacon notifications · Wider operating temperature, IP rating
 NDiS M Series	Plug-and-play manageable modular player	· Fanless / low noise design · Leading platform / best of breed performance · Remote management
 NDiS P Series	Pre-configured appliance Preloaded with PowerDigiS	· Cost-effective, reliable and easy to use digital signage solution for small to medium digital signage networks
 TPPC Series	In-transit passenger information system & display	· Long-distance and daisy-chained multi-screen transmission · Remote diagnostic / management · Vandal proof design · Fanless / low noise design · Part-and-full-customization
 KPPC Series	Kiosk Panel PC	· Wide range of processor capacities and display dimensions · Scalable for resistive and capacitive touch displays · Ease-of-Service design · Part-and-full –customization · High-integration of kits and peripherals
 OPPC Series	Open Frame Panel PC & Display	· Wide range of display dimensions · Fanless/ low noise design · Part- and full-customization · Flexible Mounting, Panel/ VESA/ 100x100/ Wall/ Stand · Wide power input of 12~30VDC

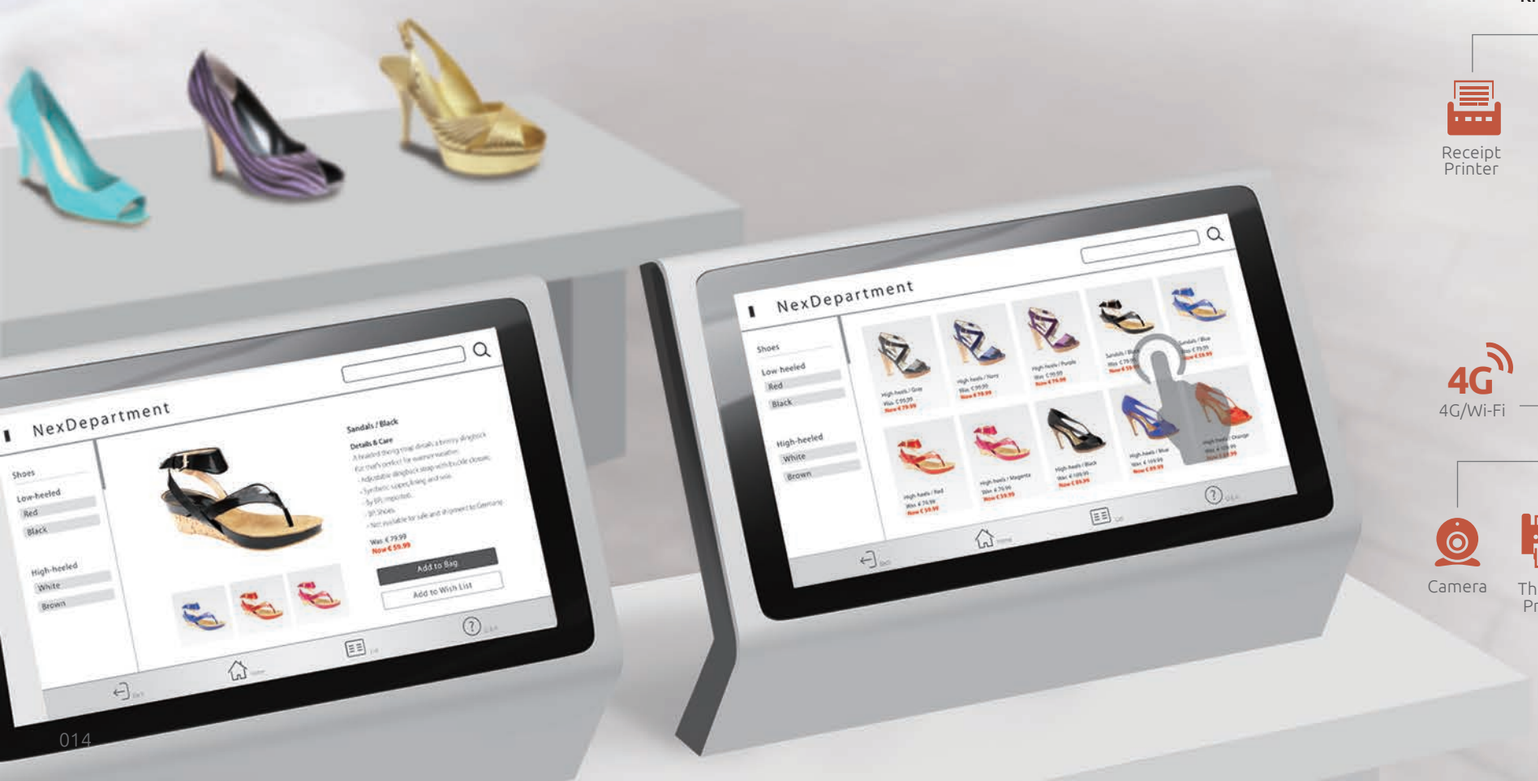
O2O Kiosks and Business Analytics Draw in Sales for Stores

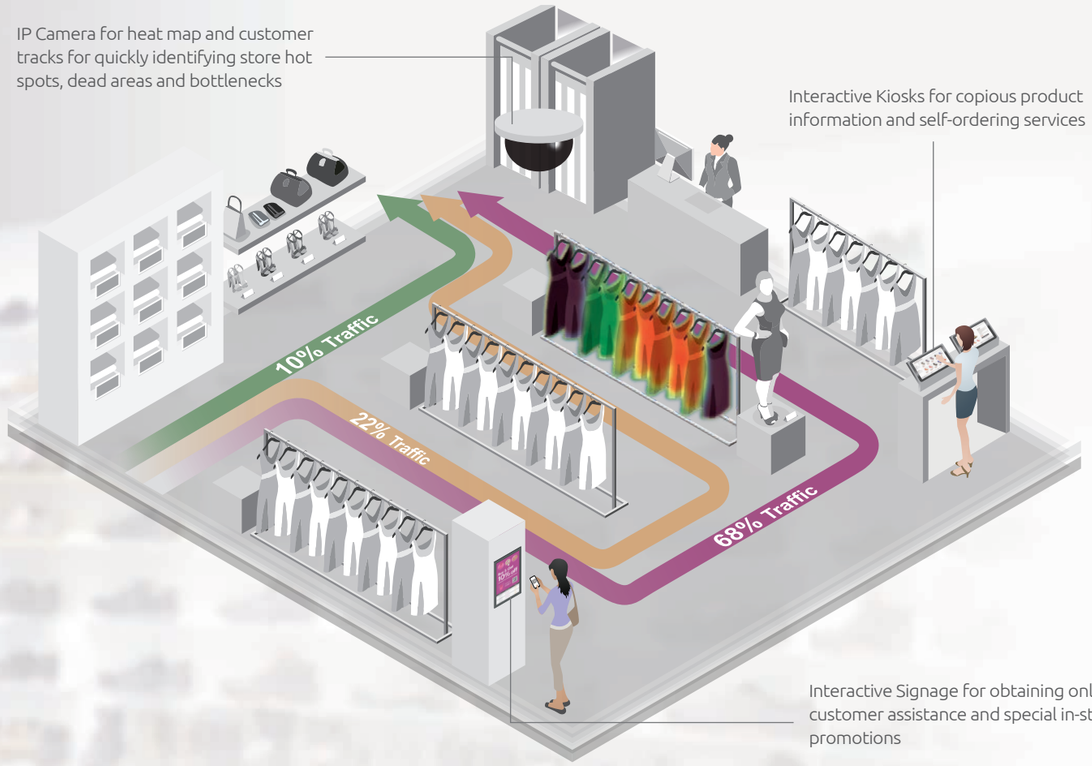
Physical stores have been in head-to-head competition with online retailers for customers. To bolster the multi-channel presence, a department store chain in Western Europe has deployed multiple interactive kiosks across more than 160 stores to converge brick-and-mortar and digital channels. Powered by NEXCOM digital signage Player NDiS B426, the in-store interactive kiosk helps the department store chain increase customer engagement, reduce out-of-stock complains, broaden product offerings, and more importantly, drive sales.

The internet-enabled kiosk can provide customers copious information and self-services. By scanning a product barcode, the kiosk can tell customers about product details including sizes, colors, prices, promotions, and stocks. If an item of a specific size or color is out of stock, customers can use the kiosk's touchscreen to make a purchase online with a credit card, earn reward points for the purchase with a membership card, opt for either in-store pickup or home delivery, and obtain a confirmation receipt as a proof of payment. The kiosk also gives customers access to the full product range as offered on the retailer's online store, expanding the product coverage to hundreds of thousands of brands within existing floor space.

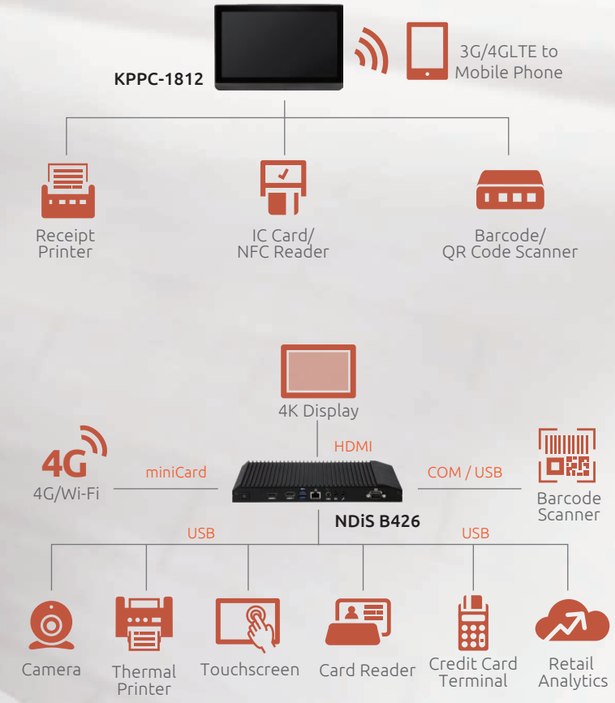
The NEXCOM NDiS B426 designed for interactive signage applications can equip the kiosk with video chatting function to help customers obtain assistance from online customer services, and run special promotions and advertisements on a 4K display.Moreover, equipped with discrete NVIDIA graphics, the NDiS B426 can perform intense image processing for in-store analytics,offering science-based shopper behavior and store performance analysis with crystal clear insights.

The KPPC-1812 is the next generation Smart Kiosk Panel PC Platform. In the modern retail environment, you need to provide a friendly, efficient and easy-to-use Kiosk Solution for customers. So it can quickly build intelligent kiosks in convenience stores, way finding kiosks in shopping malls and self-ordering kiosks in fast food restaurants to fulfill different retail and hospitality applications. Its modular design for peripherals and swappable mainboard and HDD tray will easily integrate the different requirements and reduce maintenance costs.





Application Diagram



Smart Kiosk

User-friendly, cost-efficient, and easy-to-install, NEXCOM's Smart Kiosk Panel PC provides a quick solution to provide interactive services in convenience stores, way finding in shopping malls, and self-service ordering in quick service restaurants, fulfilling the operational needs of the retail and hospitality industries.

Interactive Signage

NEXCOM's interactive signage equips kiosks with the video chat function allowing customers to contact online customer services for assistance, and 4K support to run eye-catching special promotions and advertisements. NEXCOM's interactive signage can also integrate data analysis to offer insights to shopping behavior and store performance.

Self-ordering Kiosk Brings Revenue

The age of the restaurant self-service kiosks has dawned, and it's the end of fast food as we know it. Self-Ordering Kiosk is striding into the 21st century with the rollout of the "Create Your Taste" touchscreen kiosks, on which custom Food and Beverage can be built as well as full-menu ordering. The kiosks are incredibly convenient and improve order accuracy.

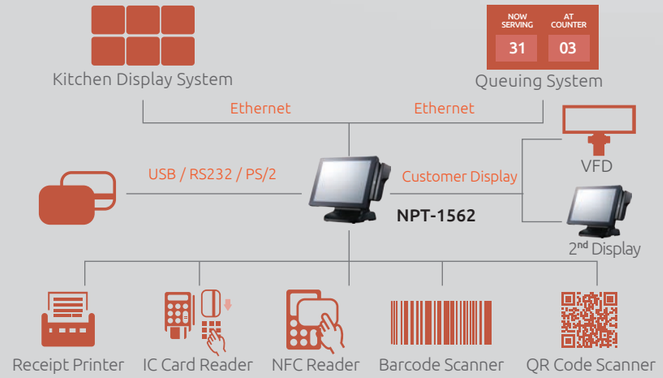
NEXCOM Restaurant Kiosk Solutions include KPPC (Kiosk Panel PC) series for self-service, KDS, self-ordering, queuing applications. NPT (NEXCOM POS Terminal) series are for POS terminal, food & beverage QSR, restaurant, hospitality and CVS retail stores.

Kiosk Panel PC KPPC-1812 is the next generation Kiosk Panel PC. It will help you to build a smart future-proof kiosk that can evolve with changing needs of retail and hospitality industries. Based on Intel® Celeron® J1900 processor, the KPPC-1812 can power multimedia contents for advertising and enable multiple ways of user interaction for self-servicing. The KPPC-1812 is designed with expansion flexibility and ease-of-use and maintenance and can maximize kiosk uptime and lower total cost of ownership (TCO) for users.

The NPT-1562 is a high value Point-of-Sale (POS) hardware solution designed to fulfill your POS hardware requirements. The quiet fanless design offers low power consumption and minimal maintenance. To reduce maintenance time and costs it comes with a removable HDD, MSR, fingerprint and VFD kit. The DC-12V output provides sufficient power for a second display from the POS terminal, as well as providing better cable routing and high-integration. The small footprint is ideal for installations where space is limited.

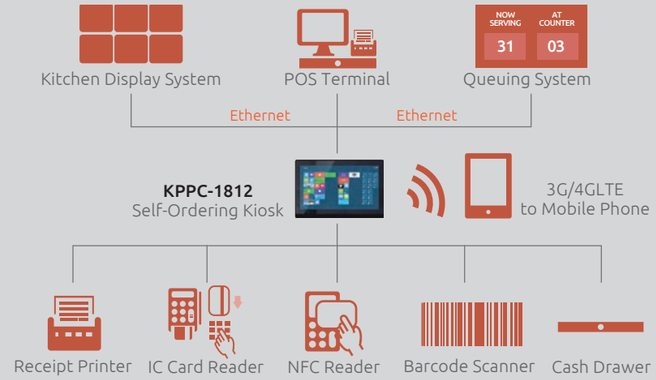
The VESA mounting design of the Display Head, is only 100x100mm and provides an option for wall-mounting when detached from its stand. It is also spill resistant and offers a high degree of integration for POS peripherals, thereby ensuring continuous operation in restaurant and retail conditions.

Application Diagram



POS

NEXCOM NPT series of POS terminals are intended for food & beverage, QSR, hospitality, and CVS retail industries. The NPT series of POS terminals has low power consumption and requires minimal maintenance. The NPT series comes with a removable HDD, MSR, fingerprint and VFD kit. The NPT series has a small footprint ideal for space-saving installations.



Self-ordering Kiosk

NEXCOM's KPPC series of Panel PCs are restaurant kiosk solutions designed for self-ordering and KDS applications. NEXCOM's KPPCs power the self-service kiosks to provide a complete digital service counter experience from start to finish, helping restaurants serve more customers, reduce wait times, reach out to a broader customer base, and therefore increase revenue.

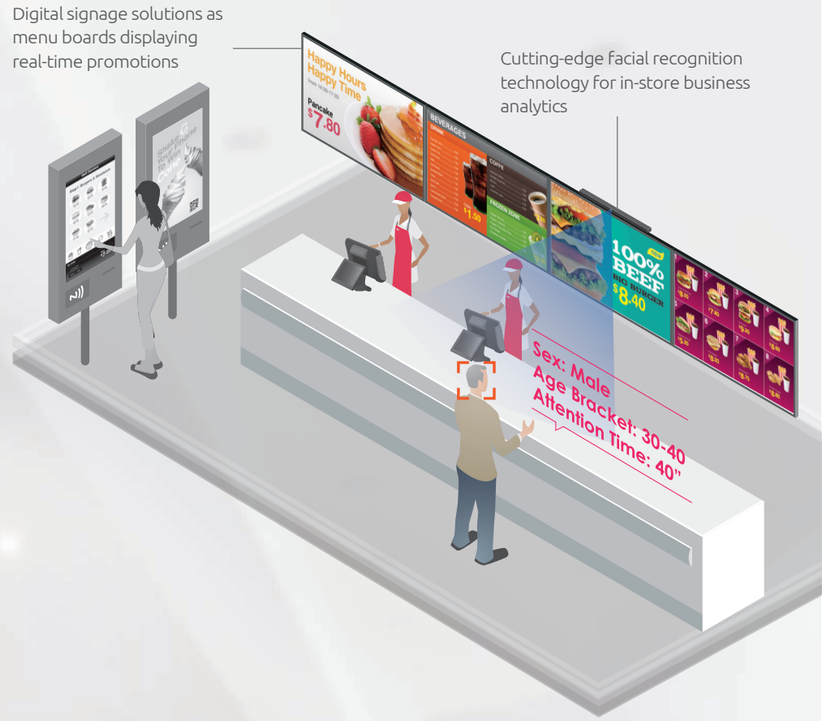
Digital Menu Boards Fuel QSR Growth

Increasingly quick service restaurant (QSR) operators are considering implementing digital signage to enhance customer engagement, convey brand messages, simplify the ordering process, and make inventory management more effective. As customers walk into these restaurants, they expect to see the latest promotions on digital menu boards and self-service kiosks. Going digital has enabled operators to change menu items and prices quickly and easily, not to mention more that these displays are more eye-catching than static menu boards. Also, when it comes to drive-thru menu boards, it presents a great opportunity to inform customers of everyday value and share the latest promotions. Therefore pre-sales menu boards and order confirmation systems improve order accuracy and efficiency at QSRs.

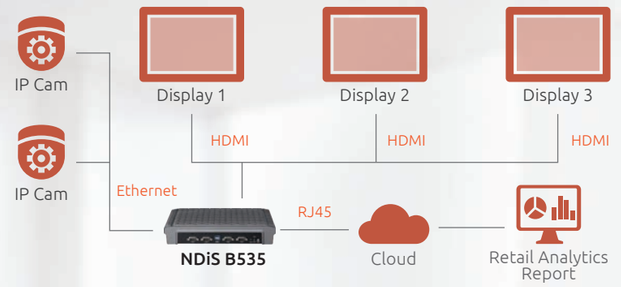
With so many in-store distractions, it's sometimes difficult for customers to focus on what the QSR is advertising. However, digital menu boards are able to catch customers' attention and deliver a clear message. NEXCOM Digital Signage Solutions provide reliability and expandability, NDiS M535 allows multiple displays side by-side (in portrait or landscape mode) playing HD video and pictures. Users can implement dayparting presentations in independent, clone, or 3x1 video wall modes. The central server can be remotely updated with menu schedules for real-time promotion, regardless of location. In addition to being a menu board, it can also be used as a pre-sales advertising tool. For example, in waiting areas, digital signage can act as a single-source display to broadcast advertisements or upcoming events.

The OPS design of the NDiS M535 simplifies installation and maintenance. A uniquely designed Gigabit LAN port enables remote management with content upgrades and remote BIOS maintenance, thus ensuring uninterrupted operation and lowering labor costs and repair time. For an enhanced customer experience, NEXCOM offers an integrated cutting-edge facial recognition solution which allows the system to offer a customer's favorite menu, improve customer satisfaction, and create an interactive dining experience.

The NDiS B535 is another box PC option for QSR. Powered by a Intel 6th Gen Core processor, the NDiS B535 can offer impressive system performance and full HD videos. With support for 4K2K video playback on three independent HDMI outputs the NDiS B535 can fully satisfy customer's expectation and be used in applications such as advertising, hospitality, brand promotion and digital menu boards.

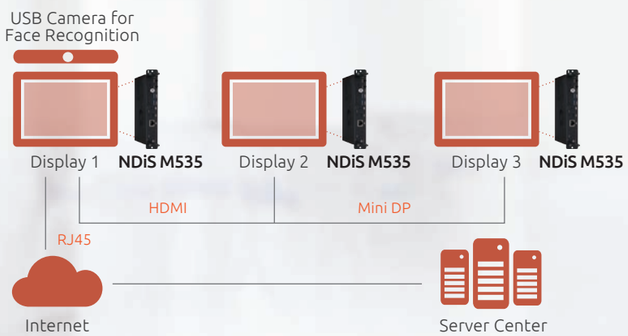


Application Diagram



Digital Menu Board with BI

Going digital enables stores to change menu items and prices quickly and easily. The NDiS B series offers impressive system performance and 4K support for ultra HD video contents on three independent displays. For QSR, the high-performance NDiS B series, such as NDiS B535, can also be used as a microserver to evaluate shopper engagement, visit-to-purchase conversion rate, and operational efficiency.



OPS-based Digital Menu Board with AVA

NEXCOM's NDiS M series is made up of OPS media players intended to save engineers the time and effort associated with wiring power cords and signal cables, allowing for quick and frictionless installation. As to operational efficiency, the NDiS M series enables QSR to launch a nationwide or regional campaign by simply updating contents to local stores from a central office. With integrated facial recognition solutions, the NDiS M media players can offer a customer's favorite menu, improve customer satisfaction, and create an interactive dining experience.

Digital Drive-thru Mimics In-Store Experience

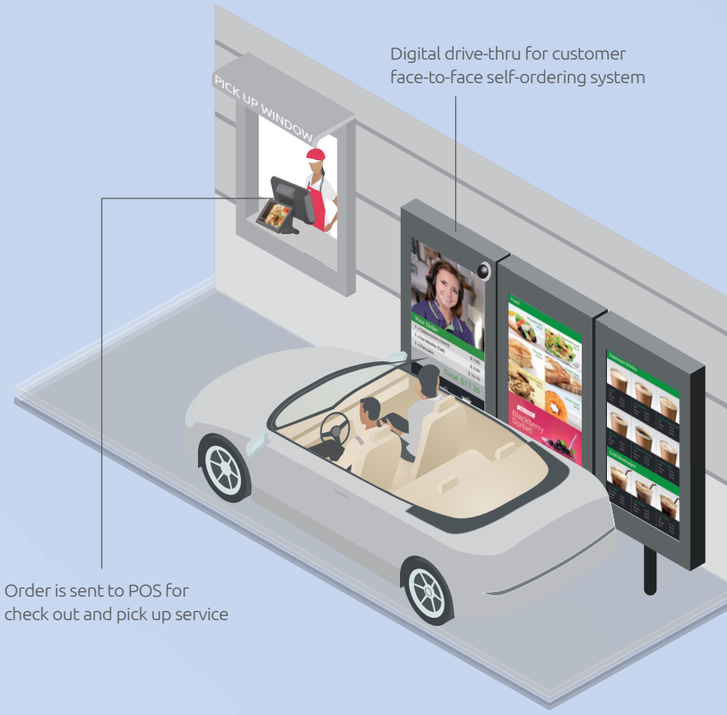
A leading global coffee shop franchise has begun to apply interactive digital signage to their newly introduced drive-thru service. Two 50 inch screens at the drive-thru's entrance, powered by a single NDiS B336R, display menu items on one screen and order details on the other. On top of the display, a camera is integrated to provide a two-way communication between staff and driver to improve the dining experience. Content is designed and managed by HQ's administrative office and then published to the field via a virtual private network (VPN).

The NEXCOM NDiS B336R features an advanced fanless thermal design for fitting in outdoor environments while maximizing the system performance with an Intel® Apollo Lake desktop processor. The fact that the NDiS B336R is capable of rendering multiple high resolution display outputs simultaneously makes it an ideal platform for a variety of QSR applications.

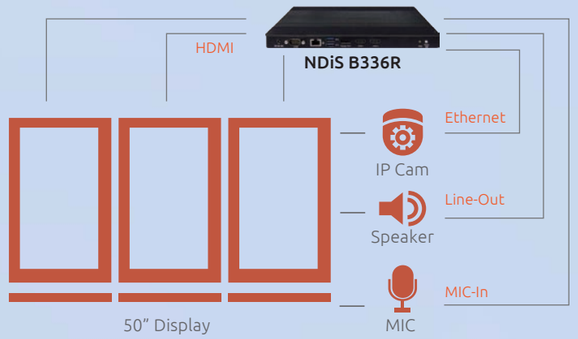
The NDiS B336R is perfectly designed for outdoor/ semi-outdoor applications capable of surviving under -20~60 ℃ and it supports dual HDMI and DP output interfaces, making it a high CP value player in the drive for high quality animation and graphics in drive-thru applications. Due to its ultra slim chassis design (21mm z-height), users can easily find a place to install the NDiS B336R.

Installed at the ordering point, the NDiS B336R- powered face-to-face ordering system plays menus and promotions on three large screens. When customers pull up at the ordering point, a barista will show up on the one screen, greeting with a warm smile. Customers can place orders by speaking to the barista face-to-face through video chat and see order details and a total price on the screen so they can rest assured that their orders, especially customized drinks are taken correctly. The order is sent to POS terminal. Customers can make the payment and pick up meals at the next drive-thru window.

The coffee chain has successfully launched the drive-thru service with the implementation of the face-to-face ordering system. Taking advantage of NEXCOM digital signage player's high-definition video-streaming capability, multi-display support, and rich I/O set, the system enhances service efficiency and accuracy by facilitating the ordering process, creates a genial drive-thru service for the coffee chain.

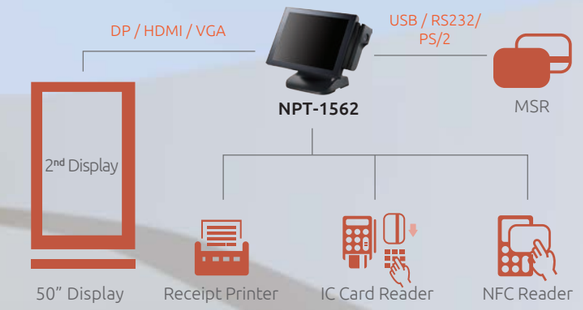


Application Diagram



Digital Drive-thru Service

NEXCOM's NDiS B series of digital signage players features an advanced fanless design for outdoor environment. The NDiS B336R, for example, can provide face-to-face ordering at the drive-thru lane. Built with high-definition video-streaming capability, multi-display support, and rich I/O set, the player can facilitate the ordering process to enhance service efficiency and accuracy and create a genial drive-thru service to boost traffic and sales.



POS Terminal at Drive-thru

Orders made at the drive-thru service are sent to POS terminals with a second display to show order details and total amount to ensure order accuracy. The fanless NPT POS terminals have low power consumption and require minimal maintenance. The NPT series comes with a removable HDD, MSR, fingerprint and VFD kit. The NPT series has a small footprint ideal for space-saving installations.

In-transit Passenger Information Display System Maximizes Convenience

At airports, train stations and bus stops, digital signage improves the travel experience by serving a variety of functions including displaying timetables, service status, public announcements, and route-finding. To operators, centralized digital screens effortlessly enable them to manage traffic within terminals and guide passengers to their destination dynamically. Moreover, with aid of the cutting-edge technology from graphics and Ultra HD (4K2K), eye-catching displays help to attract audiences' attention and boost sales from the advertisements.

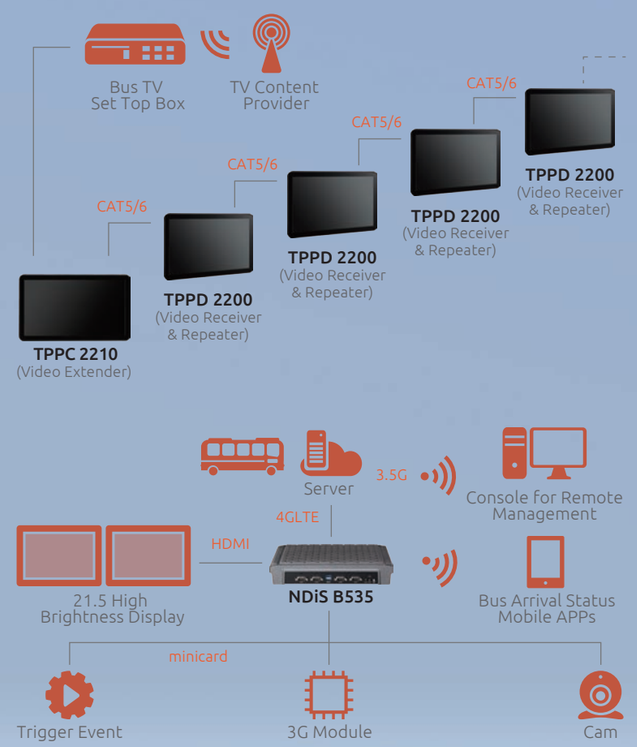
In mission critical applications such as FIDS and PIDS, system reliability is the key to keep up service consistency and reduce maintenance effort. The NDiS B535 has been installed in 300 bus stops in Asia and delivers real-time information such as bus arrival schedule, local weather, up-to-date news, and streaming video. On mobile carriers like buses or trains, it is mandatory for systems to withstand severe temperature variations and be capable of downloading and processing large amounts of data from a backend server. The NDiS B535 can also install various communication modules such as Wi-Fi/3G/4G to enable interactivity with passengers, thus enriching the appearance of the presentation.

TPPC 2210, the Passenger Infotainment Display Solution, is now available in Master Panel PC and extended to several displays. It is a fully flexible modular system with solutions for different system environments and space requirements. The 21.5" display size with modularized structure can easily customize to 2x21.5" (side-by-side and back-to-back displays in one frame) and different display sizes (18.5", 24", 27",…) , on which route information and advertisements can be displayed simultaneously.

All variations use the same elegant aluminum frame, so mounting and installation are particularly easy. The low weight and low maintenance approach make sure environmental impact and operating costs are kept to a minimum. TPPC 2210 can display any kind of information that is necessary to ensure passengers have a safe and smooth journey. This includes next stop information, detailed route information, a network map as well as operator information such as service interruptions. In addition, general news can be shown on the newsticker function. Otherwise, this infotainment can actually be used to make money! TPPC 2210 can display all kinds of advertisements and can therefore be integrated into a business plan as an additional source of income.

Passenger information display systems (PIDS) present not only real-time information such as arrival schedule for passengers, but also serves as public bulletin boards to deliver public announcements.

Application Diagram



PIS Display Solution

Installed in bus shelters, the NDiS B535-powered ETA systems provide passengers with real time bus arrival information. Connected to central servers over LTE networks, the ETA systems update ETA data constantly so passengers can find up-to-the-minute information of dozens of bus routes on two display panels and arrange alternatives if necessary. The bus operator can also use the ETA systems to communicate with passengers—issuing change of schedule notices resulting from major events or broadcasting severe weather warnings.

PIS in Bus Shelter

NEXCOM's Passenger Infotainment Display Solution is available with a Master Panel PC and an extended display to flexibly meet space and environmental requirements. The 21.5" Master Panel PC has a modular structure supporting the dual-display configuration. An extended display can be placed either side by side or back to back in one frame, showing synchronized information and advertisements.

PowerDigiS Boosts Customer Satisfaction for SMB Retailers

Simple and Affordable Starter

NEXCOM has developed a simple and affordable digital signage Starter Kit to help get companies onto the first step of the digital signage ladder. The Starter Kit can significantly lower the total cost of ownership for those customers not requiring all of the more sophisticated functionality offered by current digital signage solutions on the market.

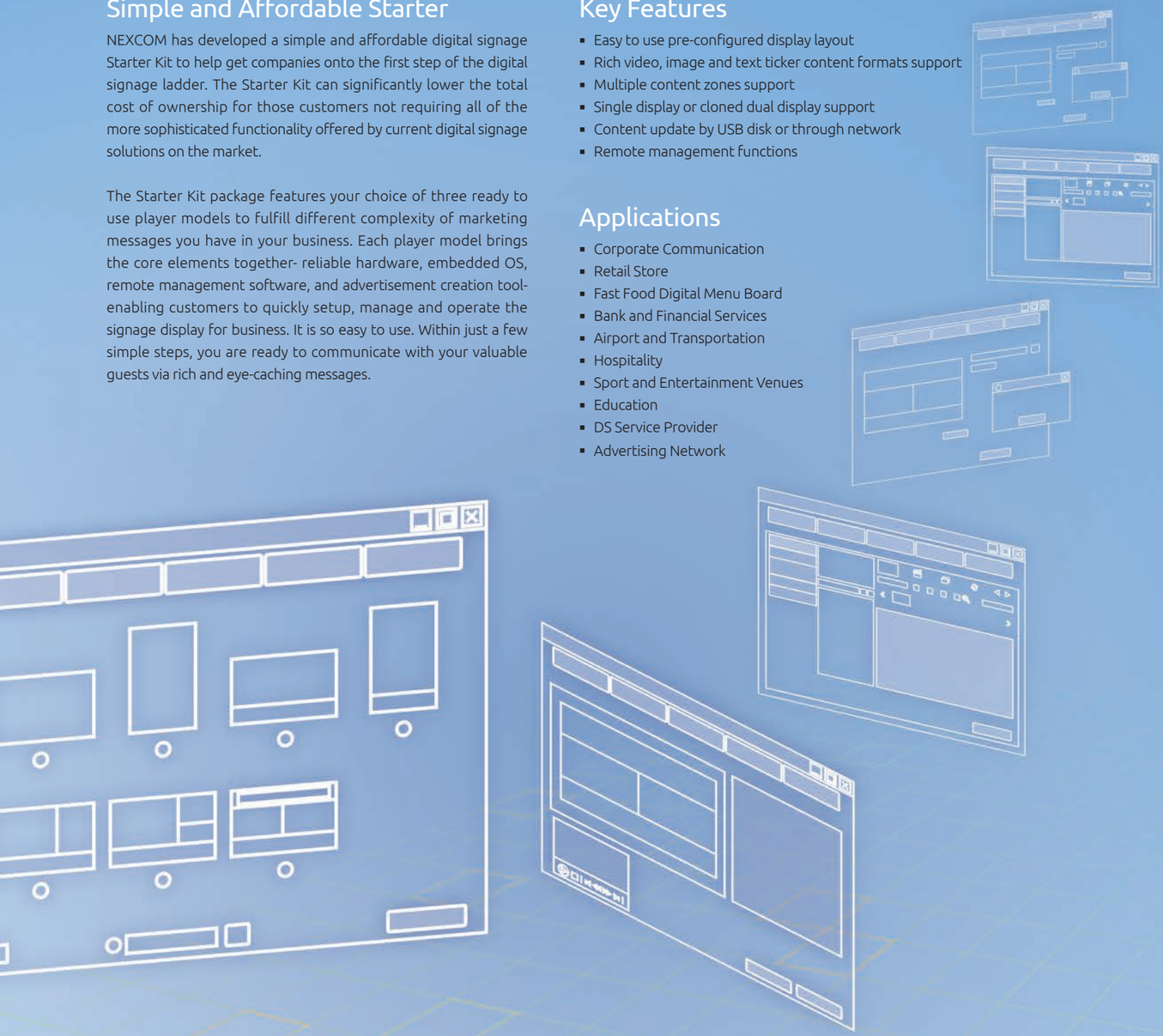
The Starter Kit package features your choice of three ready to use player models to fulfill different complexity of marketing messages you have in your business. Each player model brings the core elements together- reliable hardware, embedded OS, remote management software, and advertisement creation tool- enabling customers to quickly setup, manage and operate the signage display for business. It is so easy to use. Within just a few simple steps, you are ready to communicate with your valuable guests via rich and eye-caching messages.

Key Features

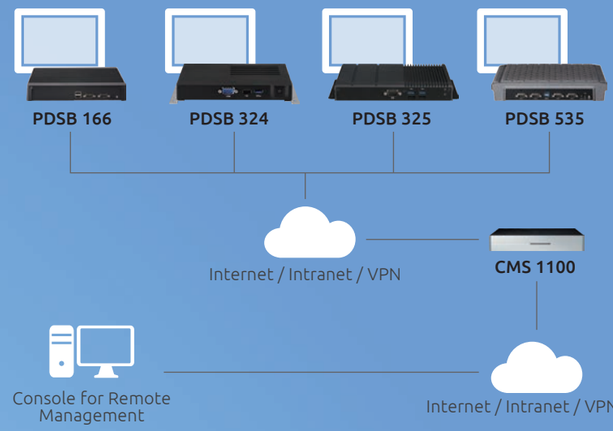
- Easy to use pre-configured display layout
- Rich video, image and text ticker content formats support
- Multiple content zones support
- Single display or cloned dual display support
- Content update by USB disk or through network
- Remote management functions

Applications

- Corporate Communication
- Retail Store
- Fast Food Digital Menu Board
- Bank and Financial Services
- Airport and Transportation
- Hospitality
- Sport and Entertainment Venues
- Education
- DS Service Provider
- Advertising Network



Eye-catching Digital Signage BY YOURSELF



PowerDigiS allows small & medium sized businesses to build their own Digital Signage with just a few clicks!

Various Pre-defined Templates to Simplify the Process

Don't waste your time on layout design, with pre-defined layout templates you can simply change menu pictures and GO LIVE!

Rich Multimedia Format Support

Content is KING! PowerDigiS supports a wide array of multimedia formats, including MPEG 1/2/4, AVI, WMV, DivX, XVID, VOB, MOV VC-1, H.264, rm, rmvb, flash, JPG, BMP, PNG, ICO, ICP, GIF, TIFF, WMF, audio, digital TV, RSS, txt and so on.

Flexible Content Update

Content updates should be quick and easy! You can update content via RJ45, wireless*, or USB dongle.

*only if a wireless module is installed

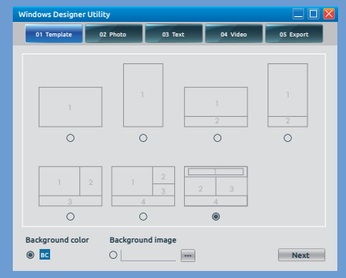
Web-based Management Console Support

No management software installation needed. Use a browser to manage your players on any PC, tablet, and mobile phone.

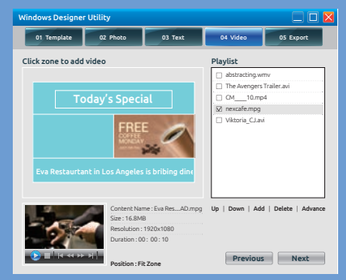
Upgradeable to Advanced applications

The freely downloadable PowerDigiS software application comes with everything you need for small & medium retail businesses. However, it is also upgradeable to advanced functions such as touchscreen in the Wayfinder application and GPS in bus signage. Contact us for more information!

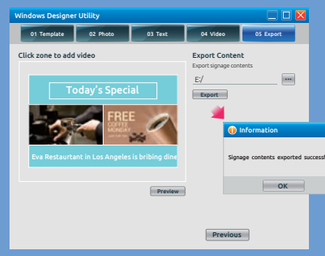
Three Steps to Play



Step 1 **Select Layout Template**



Step 2 **Add Contents**



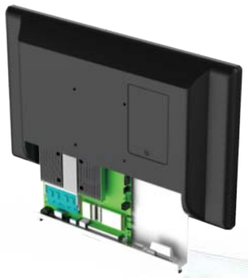
Step 3 **Export Presentation to USB**

Kiosk Panel PC Highlighted Features & Customization Services

The NEXCOM KPPC series is a standardized and modularized, versatile kiosk with the reliability and user-friendliness required for your business.

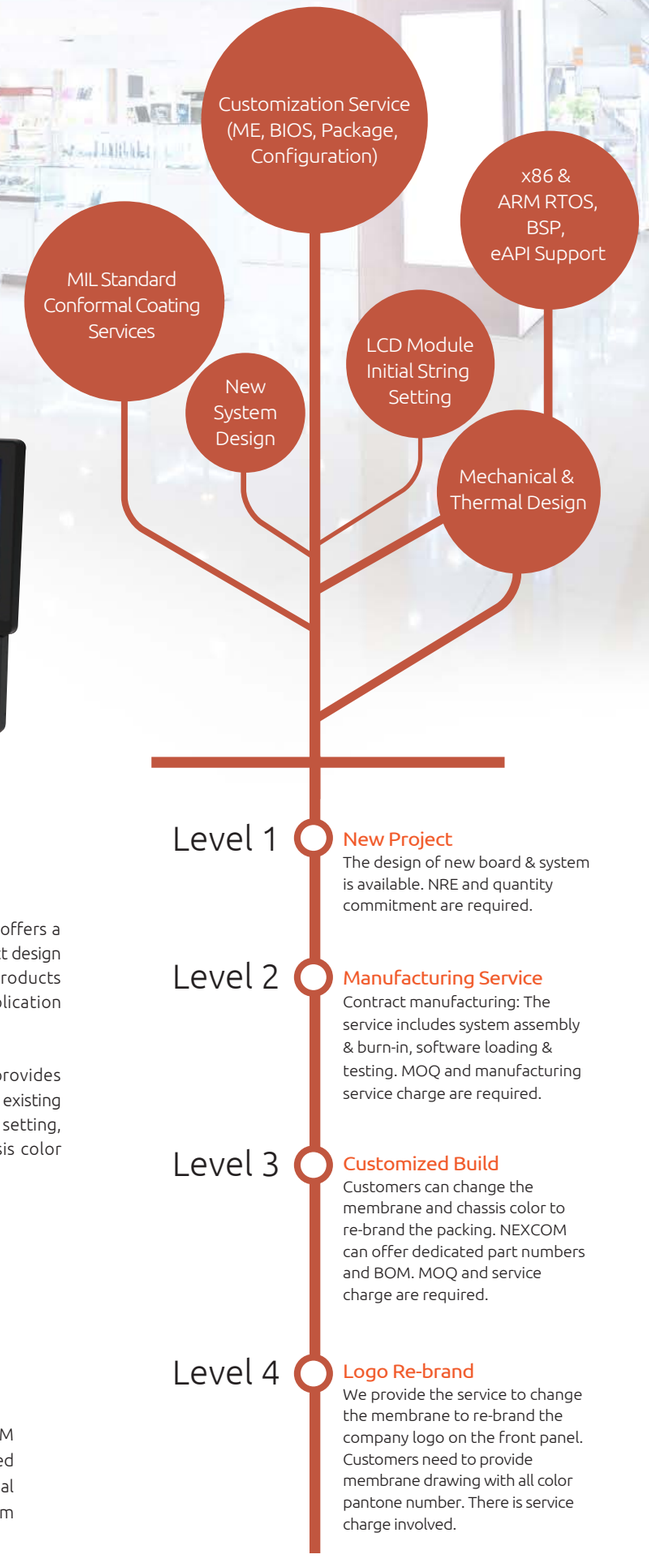
The NEXCOM KPPC series offers you with a flexible solution for all your self-service kiosk needs. Built on industry standards, this sleek kiosk delivers a superior customer experience with its motion picture-quality video and multimedia.

1 Swappable mainboard tray for Ease-of-Service



2 Removable HDD Door for Quick Installation

3 Kiosk Panel PC Customization Service for Kit / Periphera integration



Design & Manufacturing Services

Coverage

Original Design Manufacturing Service (ODMS) NEXCOM offers a complete ODM Service starting from the brand new product design right through to the finished product. We can design products based on the customer's unique specifications and application requirements.

Customization to Order Service (CTOS) NEXCOM also provides CTOS, which is a quick-to-market solution by modifying the existing products to fit your business requirements, such as BIOS setting, component change by using current PCM layout, chassis color change, and packing accessories etc.

- Electronic Design
- PCB Layout Design
- BIOS porting
- EC/ MCU porting
- Driver/ eAPI Porting
- Industrial Design
- Mechanical Design
- Thermal Design
- System Integration Design
- System Validation

DMS – Service System

With decades of industrial computing experience, NEXCOM has the capability to provide different levels of customized service to manufacture innovative products with exceptional high quality. We can assist you to differentiate from competitors, and save significant time and efforts.

Solution Packs

The driving forces of the Internet of Things (IoT), cloud technology, and big data analytics have sparked a new wave of innovations for many industries. NEXCOM maps out the major opportunities helping retailers, hospitality, transportation operators and more to innovate user experience. NEXCOM also shows how it integrates add-on software with ecosystem partners to create smart end-to-end solutions that accurately provide the user with unprecedented engagement required to drive satisfaction, fuel revenue growth and spur higher ROI. To help customers create business opportunities in the IoT era, NEXCOM launches the idea of Solution Pack putting key components into one handy box for demonstration, evaluation, and showcasing.

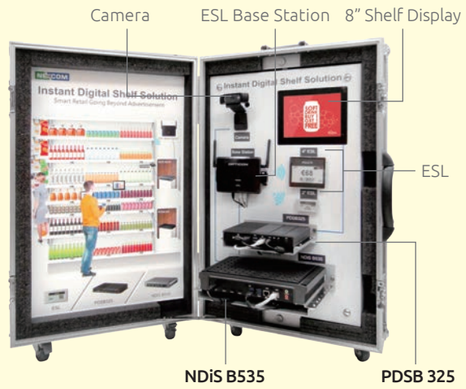
1 Retail Analytics Solution

Integrated with cameras and sensors, the in-store intelligent video system can collect customer traffic flow and shopping behavior for further analysis. With this system, retailers can identify hot shelf zones and eye-gazed product features for improved shelf layout and product design. Also, the system can greet visitors, identify customer groups, and deliver targeted advertisements.

- Multiple Sensors
- Cloud Computing
- Data Collection
- Report Retrieval

2 Instant Digital Shelf Solution

Powered by PowerDigiS



In the Instant Digital Shelf Solution, a high-definition camera is used to capture the facial characteristics of the audience and send the data to the NDiS B535 (6th Gen. Intel Core processor) for further analysis and resulting gender/age/VIP (matching up with the membership database) data. Relevant signage content will be triggered based on the analysis results. Retailers can also use electronic shelf labels to keep product information up to date and make minute-by-minute pricing changes.

- Face Recognition
- Local Data Collection
- Electronic Shelf Label
- Digital Signage

3 Portable Video Analytics Solution

In the Video Analytics Solution demo kit, an FHD camera is used to detect and capture the audience's facial characteristics. The video stream is then passed to NDiS B535 for analysis. The NDiS B535 is based on the 6th Gen. Intel Core processor platform and acts as a local server due to its strong computing power and graphics performance. Video streams will then be analyzed in real time and inform the PDSB 324 (preloaded with digital signage software PowerDigiS) to play pre-defined content according to the results of the analysis of details such as gender, age, emotion and VIP database.

- Face Recognition
- Local Data Collection
- Digital Signage

Powered by PowerDigiS

4 Digital Signage Solution

The PDSB 324 is an Intel® Celeron® processor J1800, based digital signage player pre-loaded with the user-friendly digital signage software PowerDigiS. The PDSB 324 is capable of laying out the display into multiple rectangular zones and playing rich multi-media content on each zone in accordance with a user defined schedule. This makes the PDSB 324 ideal for increasing digital signage applications within retail outlets, department stores, entertainment venues, restaurants, hotels, bus/train station, schools/universities and hospitals for dynamic messaging, delivery, advertising, or brand promotion.

- Digital Signage

5 Gesture Controlled Ordering Solution

The Gesture Controlled Ordering Solution adopts Intel RealSense cameras to enable human-computer interaction on a PC. Users can use pre-defined gestures from the hands and fingers to control digital menu boards in a restaurant. This demo kit also showcases Intel vPro technology to give pervasive, real-time visibility of system hardware assets and offers direct power control. Organizations are able to avoid a costly truck roll by running diagnostics and remedying issues via a remote hardware-based KVM session.

- Gesture Control
- Intel AMT
- Digital Signage

2017 New Products

NDiS B325

Fanless Embedded Computer Powered by Intel® Celeron® N3150/Core™ i3-6100U/Core™ i5-6200U SoC Processor

- Intel® Celeron® N3150/Core™ i3-6100U/Core™ i5-6200U
- HDMI (4K Resolution) and VGA independent displays (N3150)
- USB 3.0 support
- WLAN support
- Compact and fanless design
- Wide Temperature Support

NDiS B336R

Fanless Embedded Computer Powered by Quad Core Intel® Atom™ x7-E3950 Processor, 2.0GHz

- 6th generation Intel® Atom™ x7-E3950 processor
- Dual HDMI and 1 x DP output (4K2K resolution support)
- Compact and slim design (H: 21.5mm)
- Wide temperature support
- Supports Wi-Fi, GPS, and 3G module
- Fanless design

NDiS B425-SI3

Fanless Embedded Computer Powered by Intel® Core™ i3-6100U SoC Processor

- 6th generation Intel® Core™ i3-6100U SoC processor
- 1 x mini DP and 1 x HDMI port (4K2K resolution support)
- USB 3.0 support
- WLAN support
- M.2 slot support Wi-Fi and SSD
- Compact and fanless design

NDiS B426

Advanced Graphics Player Powered by Intel® Celeron® Processor 3855U

- 6th generation Intel® Celeron™ 3855U processor
- Discrete GPU NVIDIA® GeForce® GT 730
- Dual HDMI output (4K2K resolution support)
- Compact and slim design (H: 29mm)

Coming Soon

NDiS B866

Multi-display Embedded Computer Powered by 6th Gen. Intel® Core™ Processor with Discrete AMD Radeon™ E8870 GPU

- 6th generation Intel® Core™ processor
- AMD Radeon™ E8870 embedded GPU
- 6 x HDMI output (4K resolution support)
- Compact 1U chassis design
- Removable dual HDD tray supporting RAID 0, 1

NDiS B8C6

Multi-display Embedded Computer Powered by 6th Gen. Intel® Core™ Processor with Discrete AMD Radeon™ E8870 GPU

- 6th generation Intel® Core™ processor
- AMD Radeon™ E8870 embedded GPU
- 12 x HDMI output (1080p resolution support)
- Compact 1U chassis design
- Removable dual HDD tray supporting RAID 0, 1

Coming Soon

OPPC 1240T

12.1" TFT SVGA 4:3 Fanless Open Frame PC with Intel® Atom™ E3826, 1.46GHz, Touch Screen, 2GB DDR3L, 3 x USB, 2 x COM and VGA

- 4:3 12.1" SVGA fanless LED panel computer
- Intel® Atom™ E3826/J1900, dual core, low power consumption CPU
- PS2 KB/MS/Line-out/dual GbE/3 x USB
- 2 x RS232/422/485/2nd display-VGA/2 x Mini-PCIe sockets/1 x CFast
- DDR3L 2GB/2.5" HDD bracket
- Mounting support: panel/wall stand/VESA 100mm x 100mm
- Wide range power input 12~30VDC

OPPC 1740T

17" TFT SXGA 4:3 Fanless Open Frame PC with Intel® Atom™ E3826, 1.46GHz, Touch Screen, 2GB DDR3L, 3 x USB, 2 x COM and VGA

- 4:3 17" XGA fanless LED panel computer
- Intel® Atom™ E3826/J1900 dual core, low power consumption CPU
- PS2 KB/MS/Line-out/ dual GbE/3 x USB
- 2 x RS232/422/485/2nd display-VGA/2 x Mini-PCIe sockets/1 x CFast
- DDR3L 2GB/2.5" HDD bracket
- Mounting support: panel/wall/stand/VESA 100mm x 100mm
- Wide range power input 12~30VDC

KPPC 1562

High Value Fanless Point-of-Sales 15" TFT LCD Projected Capacitive True Flat Terminal

- Quad core Intel® Celeron® processor J1900 2GHz
- 15" 4:3 XGA (1024x768) P-cap true flat touch display with IP65-Rated front panel
- 4GB of DDR3L SO-DIMM memory/320GB 5,400rpm 2.5" HDD
- Fanless design/VESA mounting (100 x100mm)
- 2 x Mini-PCIe, 4 x COM, 2 x USB 3.0, 2 x USB 2.0, 1 x VGA, 1 x GbE LAN
- 24VDC 120W power brick

KPPC 2412

24" Kiosk Panel PC

- Quad core Intel® Celeron® processor J1900 2GHz
- 24" TFT FHD (1920 x 1080) P-cap zero bezel touch display
- 4GB of DDR3L SO-DIMM memory/320GB 5,400rpm 2.5" HDD
- Fanless design/VESA mounting (100 x 100mm)
- 2 x Mini-PCIe, 4 x COM, 2 x USB 3.0, 2 x USB 2.0, 1 x VGA, 1 x GbE LAN
- 24VDC 120W power brick

KPPC 2712

27" Kiosk Panel PC

- Quad core Intel® Celeron® processor J1900 2GHz
- 27" TFT FHD (1920 x 1080) P-cap zero bezel touch display
- 4GB of DDR3L SO-DIMM memory/320GB 5,400rpm 2.5" HDD
- Fanless design/VESA mounting (100 x 100mm)
- 2 x Mini-PCIe, 4 x COM, 2 x USB 3.0, 2 x USB 2.0, 1 x VGA, 1 x GbE LAN
- 24VDC 120W power brick

Product Selection Guide

Fan Fanless 4K Resolution

Number of Display Outputs	Output Platform / Processor	HDMI	DP	VGA	DVI	Multimedia Support	Recommended Model
1	ARM®	1				4K Full HD 1080	NDiS B115
	Intel® Atom™	1				Full HD 1080	NDiS 126
2	Intel® Atom™	1		1		Full HD 1080	NDiS 126V
		2				Full HD 1080	NDiS 126H
	AMD G series	1		1		Full HD 1080	NDiS 127
		2				Full HD 1080	NDiS M422 NDiS B325
	Intel® Celeron®	1		1		Full HD 1080	NDiS B324
		2				Full HD 1080	NDiS B324
		2				4K Full HD 1080	NDiS B426
	Intel® Core™ i	1	1			4K Full HD 1080	NDiS B425-SI3
		2				4K Full HD 1080	NDiS B325-SI5
3	Intel® Celeron®	3				Full HD 1080	NDiS M335
		2	1			4K Full HD 1080	NDiS B336R
	Intel® Core™ i	1		1	1	Full HD 1080	NDiS 166
		1	1		1	Full HD 1080	NDiS 167
		2	1			Full HD 1080	NDiS M532 NDiS M533
		2	1			4K Full HD 1080	NDiS M535 NDiS B533
		3				Full HD 1080	NDiS B532
		3				4K Full HD 1080	NDiS B535
4	AMD R series	4				Full HD 1080	NDiS B842
6	AMD R series	6				Full HD 1080	NDiS B862

OPS Module Player

Model	 NDiS M324	 NDiS M335	 NDiS M422	 NDiS M532	 NDiS M533	 NDiS M535
CPU	Intel® Celeron® Processor J1900	Intel® Celeron® N3150	AMD G-series T56N	2nd/3rd Generation Intel® Core™ rPGA Socket Type	4th Generation Intel® Core™ i3-4100/i5-4400E/ i7-4700EQ	6th Generation Intel® Core™ i5-6440EQ/i7-6820EQ BGA Type Processor
Chipset	N/A	N/A	AMD A50M	Intel® QM77	Intel® QM87	Intel® QM170 PCH
Graphic	Intel® Gen. 7 Graphics	Intel® HD Graphics	AMD Redeon™ HD 6320	Intel® HD Graphics 4000	Intel® integrated HD 4600 Graphic Engine	Intel® integrated HD 530 Graphic Engine
RAM	2 x DDR3L SO-DIMM, up to 8GB	2 x DDR3L SO-DIMM, up to 8GB	DDR3 SO-DIMM, up to 4GB	2 x DDR3 SO-DIMM, up to 16GB	2 x DDR3L SO-DIMM, up to 16GB	2 x DDR4 SO-DIMM, up to 32GB
LAN	x1, 0/100/1000Mbps	x1, 10/100/1000Mbps	x1, 10/100/1000Mbps	x2, 10/100/1000Mbps	x1, 10/100/1000Mbps	x1, 10/100/1000Mbps
WLAN	Optional	Optional	Optional	Optional	Optional	Optional
Hard Disk	1 x 2.5" SATA	1 x 2.5" SATA	1 x 2.5" SATA	1 x 2.5" SATA	1 x 2.5" SATA	1 x 2.5" SATA
Flash Storage	N/A	NGFF (M2) 22 x 42 (SATA)	N/A	N/A	N/A	N/A
Video Output	1 x HDMI, 1 x TMDS (via JAE connector)	2 x HDMI, 1 x TMDS (via JAE connector)	1 x HDMI, 1 x TMDS (via JAE connector)	1 x HDMI, 1 x TMDS (via JAE connector) 1 x DP (via JAE connector)	1 x HDMI, 1 x TMDS (via JAE connector), 1 x DP (via JAE connector)	1 x HDMI(2.0), 1 x Mini DP, 1 x TMDS (HDMI2.0) (via JAE connector)
Display Resolution	1920 x 1080	HDMI1:1920 x 1080 HDMI2: 3840 x 2160 TMDS (via JAE): 3840 x 2160	1920 x 1080	1920 x 1080	3840 x 2160	3840 x 2160
Output Channel	2 Independent or Clone	3 Independent or Clone	2 Independent or Clone	2 Independent or Clone	2 Independent or Clone	3 Independent or Clone
Video Capability	**Hardware Decode:** MPEG2/4, VC1, H.264, VP8	**Hardware Decode:** MPEG1, MPEG2, VP8 VC1, H.264, H.265	**Hardware Decode:** MPEG1, MPEG2, VC1, H.264	**Hardware Decode:** MPEG1, MPEG2, VC1, H.264	**Hardware Decode:** MPEG2, VC1, H.264,	**Hardware Decode:** MPEG2, VC1, VP8, H.264, H.265
Audio Output	1 x MIC-in, 1 x Line-out, 1 x Line-out (via JAE connector)	1 x MIC-in, 1 x Line-out, 1 x Line-out (via JAE connector)	1 x Line-in, 1 x Line-out, 1 x Line-out (via JAE connector)	1 x MIC-in, 1 x Line-out, 1 x Line-out (via JAE connector)	1 x MIC-in, 1 x Line-out, 1 x Line-out (via JAE connector)	1 x MIC-in, 1 x Line-out, 1 x Line-out (via JAE connector)
TV Tuner	Optional	Optional	Optional	Optional	Optional	Optional
RS-232	1 x TX/RX (via JAE connector)	1 x TX/RX (via JAE connector)	1 (RJ45), 1 x TX/RX (via JAE connector)	1 x TX/RX (via JAE connector)	1 (RJ45), 1 x TX/RX (via JAE connector)	1 x TX/RX (via JAE connector)
USB 2.0	3 (1 x External, 2 x via JAE connector)	4 (2 x External, 2 x via JAE connector)	5 (2 x External, 3 x via JAE connector)	N/A	2 (2 x via JAE connector)	2 (2 x via JAE connector)
USB 3.0	4 (3 x External, 1 x via JAE connector)	3 (2 x External, 1 x via JAE connector)	N/A	4	5 (4 x External, 1 x via JAE connector)	3 (2 x External, 1 x via JAE connector)
Expansion Slot	1 x Mini-PCIe	1 x Mini-PCIe	1 x Mini-PCIe	2 x Mini-PCIe	1 x Mini-PCIe	1 x Mini-PCIe
Operating Temperature	0°C to 45°C	0°C to 45°C	0°C to 45°C	0°C to 45°C	0°C to 45°C	0°C to 45°C
Power Type	12-19VDC (via JAE connector)	12-19VDC (via JAE connector)	12-19VDC (via JAE connector)	12-19VDC (via JAE connector)	12-19VDC (via JAE connector)	12-19VDC (via JAE connector)
Dimension (mm)	200 x 119 x 30	200 x 119 x 30	200 x 119 x 30	294 x 198 x 52	200 x 119 x 30	200 x 119 x 30
OS Support	Win7/WES7/Win8/ WE8S/Linux	Win7/WES7/Win8/ WE8S/Win10/Linux	Win7/Win8/XP/ WES7/WE8S/ WES2009/Linux	Win7/Win8/XP/ WES7/WE8S/ WES2009/Linux	Win7/Win8/XP/ WES7/WE8S/ WES2009/Linux	Win7/WES7/Win8/ WE8S/Win10/Linux

Video Wall Player

Model			Coming Soon	Coming Soon
	NDiS B842	**NDiS B862**	**NDiS B866**	**NDiS B8C6**
CPU	AMD R-series Dual/Quad Cord	AMD R-series Dual/Quad Cord	6th generation Intel® Core™ LGA socket type processor (up to 65W)	6th generation Intel® Core™ LGA socket type processor (up to 65W)
Chipset	AMD 70M	AMD 70M	Intel® Q170 PCH	Intel® Q170 PCH
Graphic	AMD Radeon™ E6760	AMD Radeon™ E6760	AMD Radeon™ E8870	AMD Radeon™ E8870
RAM	2 x DDR3 SO-DIMM, up to 16GB	2 x DDR3 SO-DIMM, up to 16GB	4 x DDR4 SO-DIMM, up to 64GB	4 x DDR4 SO-DIMM, up to 64GB
LAN	x2, 10/100/1000Mbps	x2, 10/100/1000Mbps	x2, 10/100/1000Mbps	x2, 10/100/1000Mbps
Hard Disk	1 x 2.5" SATA	1 x 2.5" SATA	2 x 2.5" SATA	2 x 2.5" SATA
Flash Storage	SATA DOM	SATA DOM	N/A	N/A
Video Output	4 x HDMI	6 x HDMI	6 x HDMI 2.0	12 x HDMI 1.4
Display Resolution	1920 x 1080	1920 x 1080	3840 x 2160	1920 x 1080
Output Channel	4 Independent, Expanded or Clone	6 Independent, Expanded or Clone	6 Independent, Expanded or Clone	12 Independent, Expanded or Clone
Video Capability	**Hardware Decode:** MPEG1, MPEG2, VC1, H.264	**Hardware Decode:** MPEG1, MPEG2, VC1, H.264	**Hardware Decode:** MPEG1, MPEG2, VC1, H.264	**Hardware Decode:** MPEG1, MPEG2, VC1, H.264
Audio Output	1 x S/PDIF, 1 x Line-in, 1 x Line-out	1 x S/PDIF, 1 x Line-in, 1 x Line-out	1 x S/PDIF, 1 x Line-in, 1 x Line-out	1 x S/PDIF, 1 x Line-in, 1 x Line-out
TV Tuner	Optional	Optional	Optional	Optional
RS-232	2	2	2	2
USB 2.0	2	2	N/A	N/A
USB 3.0	2	2	6	6
Expansion Slot	2 x Mini-PCIe	2 x Mini-PCIe	1 x Mini-PCIe, 2 x NGFF (M Key supports 2242, 2280), 1 x NGFF (E Key supports 1630, 2230)	1 x Mini-PCIe, 2 x NGFF (M Key supports 2242, 2280), 1 x NGFF (E Key supports 1630, 2230)
Operating Temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
Power Type	12V	12V	250W ATX Power Supply	250W ATX Power Supply
Dimension (mm)	280 x 230 x 44	280 x 230 x 44	TBD	TBD
OS Support	Win7/WES7/Win8/ WE8S/Linux	Win7/WES7/Win8/ WE8S/Linux	Win7/ Win8.1/ Win10/ Linux	Win7/ Win8.1/ Win10/ Linux

Box Player

Model					
	NDiS B115	**NDiS 126**	**NDiS 127**	**NDiS B325**	**NDiS B336R**
CPU	Rockchip RK3288	Intel® Atom™ D2550	AMD G-series T56N	Intel® Celeron® N3150/ Core™i3-6100U/ Core™i5-6200U	Intel® Atom™ E3950
Chipset	Embedded	Intel® NM10	Intel® AMD A55E	N/A	N/A
Graphic	MaliT760 (Embedded)	Intel® GMA 3650	ATI HD6320	Intel® HD Graphics/ HD520 Graphics/ HD520 Graphics	Intel® Gen. 9 Graphics
RAM	DDR3 2GB on board	DDR3 SO-DIMM, up to 4 GB	DDR3 SO-DIMM, up to 4 GB	DDR3L SO-DIMM, up to 8GB/ DDR4 SO-DIMM, up to 8GB/ DDR4 SO-DIMM, up to 8GB	2 x DDR3L SO-DIMM, up to 16GB
LAN	1 x 10/100M/1000Mbps	x2, 10/100/1000Mbps	x1, 10/100/1000Mbps	x1, 10/100/1000Mbps	x1, 10/100/1000Mbps
WLAN	Onboard 802.11 b/g/n	Optional	Optional	Optional	Optional
Hard Disk	N/A	1 x 2.5" SATA	1 x 2.5" SATA	1 x 2.5" SATA	1 x 2.5" SATA
Flash Storage	eMMC2 16GB Onboard	N/A	N/A	N/A	N/A
Video Output	1 x HDMI (2.0)	1 x HDMI or 1 x HDMI + 1 x VGA or 2 x HDMI	1 x VGA, 1 x HDMI	1 x VGA, 1 x HDMI/ 2 x HDMI/ 2 x HDMI	1 x VGA, 2 x HDMI
Display Resolution	3840 x 2160	1920 x 1080	1920 x 1080	VGA: 1920 x 1080 HDMI: 3840 x 2160	3840 x 2160
Output Channel	1 Independent	2 Independent or Clone	2 Independent or Clone	2 Independent or Clone	3 Independent or Clone
Video Capability	**Hardware Decode:** MPEG1, MPEG2, VC1 H.264, H.265, VP9	**Hardware Decode:** MPEG1, MPEG2, VC1, H.264	**Hardware Decode:** MPEG1, MPEG2, VC1, H.264	**Hardware Decode:** MPEG1, MPEG2, VP8 VC1, H.264, H.265	**Hardware Decode:** MPEG1, MPEG2, VP8 VC1, H.264, H.265
Audio Output	1 x Line-out	1 x Line-in, 1 x Line-out	1 x Line-out, 1 x MIC-in	1 x Line-out, 1 x MIC-in	1 x Line-out, 1 x MIC-in
TV Tuner	N/A	Optional	Optional	Optional	Optional
RS-232	1 (UART)	1	1	1	1
USB 2.0	2	6	4	2	N/A
USB 3.0	N/A	N/A	N/A	4	5
Expansion Slot	N/A	1 x Mini-PCIe	1 x Mini-PCIe, 1 x Mini-PCIe (Half)	1 x Mini-PCIe/ 1 x NGFF(M2) 2230/ 1 x NGFF(M2) 2230	1 x Mini-PCIe 1 x NGFF(M2) 2230
Operating Temperature	-10°C to 50°C	0°C to 40°C	0°C to 40°C	-20°C to 50°C	-20°C to 60°C
Power Type	5VDC	12VDC	12VDC	19VDC	19VDC
Dimension (mm)	118 x 101 x 23.6	185 x 147 x 48.4	185 x 147 x 48.4	226.34 x 147.4 x 29	259 x 147.4 x 21.5
OS Support	Android 4.4	Win7/WES7	Win7/Win8/XP/WES7/ WE8S/WES2009/Linux	Win7/ WES7/Win8/ WE8S/ Win10/Linux	Win7/ WES7/ Win10/Linux

					
NDiS B426	**NDiS 166**	**NDiS 167**	**NDiS B532**	**NDiS B533**	**NDiS B535**
Intel® Celeron® 3855U	2nd Generation Intel® Core™ rPGA Socket Type Processor	2nd/3rd Generation Intel® Core™ rPGA Socket Type Processor	2nd/3rd Generation Intel® Core™ rPGA Socket Type Processor	4th Generation Intel® Core™ LGA Socket Type Processor	6th Generation Intel® Core™ LGA Socket Type Processor (up to 35W)
N/A	Intel® QM67	Intel® QM77	Intel® QM77	Intel® Q87	Intel® Q170 PCH
Intel® HD 510 Graphics u Nvidia GT730	Intel® HD Graphics 3000	Intel® HD Graphics 3000/4000	Intel® HD Graphics 4000	Intel® HD Graphics 4600	Intel® HD Graphics 530
DDR4 SO-DIMM, up to 8GB	2 x DDR3 DIMM, up to 16GB	2 x DDR3 DIMM, up to 16GB	2 x DDR3 SO-DIMM, up to 16GB	2 x DDR3 SO-DIMM, up to 16GB	2 x DDR4 SO-DIMM, up to 32GB
x1, 10/100/1000Mbps	x2, 10/100/1000Mbps	x2, 10/100/1000Mbps	x2, 10/100/1000Mbps	x2, 10/100/1000Mbps	x2, 10/100/1000Mbps
Optional	Optional	Optional	Optional	Optional	Optional
1 x 2.5" SATA	1 x 2.5" SATA	1 x 2.5" SATA	1 x 2.5" SATA	1 x 2.5" SATA	1 x 2.5" SATA
N/A	SATA DOM	SATA DOM	SATA DOM	SATA DOM	NGFF(M2) 22 x 42/22 x 80
2 x HDMI	1 x VGA, 1 x DVI-D, 1 x HDMI	1 x DisplayPort, 1 x DVI-I, 1 x HDMI	3 x HDMI	3 x HDMI	3 x HDMI (2.0)
3840 x 2160	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160	3840 x 2160
2 Independent or Clone	2 Independent or Clone	3 Independent or Clone	3 Independent or Clone	3 Independent or Clone	3 Independent or Clone
Hardware Decode: MPEG1, MPEG2, VP8 VC1, H.264, H.265	**Hardware Decode:** MPEG1, MPEG2, VC1, H.264	**Hardware Decode:** MPEG1, MPEG2, VC1, H.264	**Hardware Decode:** MPEG1, MPEG2, VC1, H.264	**Hardware Decode:** MPEG1, MPEG2, VC1, H.264	**Hardware Decode:** MPEG2,VC1, VP8, H.264, H.265
1 x Line-out, 1 x MIC-in	1 x S/PDIF, 1 x Line-in, 1 x Line-out	1 x S/PDIF, 1 x Line-in, 1 x Line-out	1 x S/PDIF, 1 x Line-in, 1 x Line-out	1 x S/PDIF, 1 x Line-in, 1 x Line-out	1 x Line-out, 1 x MIC-in
Optional	Optional	Optional	Optional	Optional	Optional
1	2	2	2	2	4
2	4	N/A	N/A	N/A	N/A
4	N/A	4	4	4	6
1 x NGFF(M2) 2230	2 x Mini-PCIe	2 x Mini-PCIe	2 x Mini-PCIe	2 x Mini-PCIe	1 x Mini-PCIe 1 x NGFF (M2) 2230
-20°C to 50°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
19VDC	12VDC	12VDC	12VDC	12VDC	12VDC
269 x 147.7 x 29	250 x 194 x 40	250 x 194 x 40	294 x 198 x 52	294 x 198 x 52	294 x 198 x 52
Win7/Win8/XP/WES7/ WE8S/Win10/Linux	Win7/Win8/XP/WES7/ WE8S/WES2009/Linux	Win7/Win8/XP/WES7/ WE8S/WES2009/Linux	Win7/Win8/XP/WES7/ WE8S/WES2009/Linux	Win7/Win8/XP/ WES7/WE8S/ WES2009/Win10/Linux	Win7/Win8/WES7/ WE8S/Win10/Linux

Digital Signage Appliance

Model			
	PDSB 325	PDSB 166	PDSB 535
Storage	320GB HDD	320GB HDD	320GB HDD
LAN	1 x 10/100/1000Mbps	1 x 10/100/1000Mbps	2 x 10/100/1000Mbps
WLAN	Optional	Optional	Optional
Video Output	1 x VGA, 1 x HDMI	1 x VGA, 1 x DVI-D, 1 x HDMI	3 x HDMI
Display Resolution	4K2K	1920 x 1080	4K2K
Output Channel	2 Independent, Expanded or Clone	2 Independent, Expanded or Clone	3 Independent, Expanded or Clone
Video Capability	**Hardware Decode:** H.265/HEVC4, H.264, MPEG2, MVC, VC-1, WMV9, JPEG, VP8 **Quality:** 1 x 4K2K or 2 x 720p	**Hardware Decode:** HEVC4, H.264, VP8, SVC, MVC **Quality:** 1 x 1080p or 3 x 720p	**Hardware Decode & Encode:** MPEG1, MPEG2, VC1, H.264 **Quality:** 3 x 4K2K
Graphic Capability	4K2K Raster Image with Advanced Transition/ Animated Effect	1920 x 1080 Raster Image with Advanced Transition/ Animated Effect	4K2K Raster Image with Advanced Transition/ Animated Effect
Audio Output	1 x Line-out, 1 x MIC-in	1 x S/PDIF, 1 x Line-out, 1 x MIC-in	1 x Line-out, 1 x MIC-in
TV Tuner	Optional	Optional	Optional
RS232	1	1	1
USB 2.0/3.0	2 x USB 2.0 4 x USB 3.0	4 x USB 2.0	4 x USB 3.0
Power Type	19VDC	12VDC	12VDC
Dimension (mm)	226.34 x 147.4 x 29	250 x 194 x 40	294 x 198 x 52
Content Support	Video, Image, Flash, RSS News, Web URL, Scrolling Text, Live TV		
Multimedia Format Support	Video: MPEG 1/2/4, AVI, WMV, DivX, XVID, VOB, MOV VC-1, H.264, rm, rmvb Audio: MIDI, MPEG-1-Audio LayerII (MP2), mp3, SND, M4A, AAC, wav, wma, ogg, ra Flash: SWF, FLV Graphic: JPG, BMP, PNG, ICO, ICP, GIF, TIFF, WMF		
Streaming Protocol Support	http, mms, udp, rtp, rtsp, IPTV		
Max. Number of Zones	9	9	9
Software Package Management UI	PowerDigiS V2 Web	PowerDigiS V2 Web	PowerDigiS V2 Web

Model		
	CMS 1100	CMS 2100
Storage	320GB HDD	320GB HDD
LAN	x4, 10/100/1000Mbps	x8, 10/100/1000Mbps
WLAN	Optional	Optional
RS232	N/A	N/A
USB 2.0	2	4
Power Type	12VDC	110 ~ 240VAC
Dimension (WxHxD)(mm)	272 x 195 x 44	430 x 400 x 44
Max. Number of Zones	100	250
Player Device Management	Add/Remove/Edit player or player group Start/Stop/Pause presentation Player/ Player Group power off/reset	
Presentation Distribution	Player or Player Group	Player or Player Group
Presentation Schedule	Player or Player Group	Player or Player Group
Content Management	Player or Player Group	Player or Player Group
Emergency Message	Player or Player Group	Player or Player Group
Management UI	Web	Web

AIO PPC & Display

Model	 TPPC 2210	 TPPD 2200
LCD Size	21.5" 16:9	21.5" 16:9
Max. Resolution	FD 1920 x 1080	FD 1920 x 1080
Luminance (cd/m^2)	500	500
Contrast Ratio	3000	3000
Viewing Angle (H-V)	89(U), 89(D), 89(L), 89(R)	89(U), 89(D), 89(L), 89(R)
Backlight	LED	LED
LCD Color	16.7M	16.7M
Touch Screen	N/A	N/A
CPU	Intel® Celeron™ N2807 Dual core 1.58GHz	N/A
Chipset	N/A	N/A
Memory	DDR3L SO-DIMM, up to 4GB	N/A
Storage Device	1 x 2.5" SSD 1 x mSATA	N/A
2nd Display Output	N/A	N/A
Ethernet (10/100/1000)	1 x 10/100/1000Mbps	N/A
Line-out/Mic	N/A	N/A
USB2.0/USB3.0	2/0	N/A
COM Port	1	N/A
CAT5 Extender Daisy Chain	TX	TX/RX
Speaker	2W x 2	N/A
Power Input	DC 9V to 36V	DC 9V to 36V
Expansion	2 x Mini-PCIe	N/A
Power Switch	1	N/A
Mounting	VESA 75/100/200	VESA 75/100/200
Power Jack	2 x 3 P2.5	2 x 3 P2.5
Operation Temp.	-10°C to 40°C	-10°C to 40°C
Storage Temp.	-20°C to 60°C	-20°C to 60°C
Operating Humidity	10% ~ 90%, Non-condensing	10% ~ 90%, Non-condensing
IP Level	IP54	IP54
Dimension (mm)	528.46 x 323.06 x 58	528.46 x 323.06 x 58
Weight (kg)	7	7

Open Frame Touch Monitor

Model	 OPPD 1500T	 OPPD 1900T
LCD Size	15" 4:3	19" 5:4
Max. Resolution	XGA, 1024 x 768	SXGA, 1280 x 1024
Luminance (cd/m^2)	400	250
Contrast Ratio	700	1000
Viewing Angle (H-V)	80(U), 80(D), 85(L), 85(R)	80(U), 80(D), 85(L), 85(R)
Backlight	LED	LED
LCD Color	16.7M	16.7M
Touch Screen	Resistive 5-wire	Resistive 5-wire (Flush panel type)
Touch Light Transmission	81%	81%
Touch Screen I/F	RS232	RS232, USB
OSD Function	OSD Keypad	OSD Keypad
Video Input	VGA	VGA, DVI-D
Construction Front Panel	SGCC front bezel	SECC front bezel
Mounting	Open frame mounting	Wall/Stand/VESA 100 x 100mm
Power Input	+12 ~ 24VDC	+12 ~ 24VDC
Power Supply Adapter	Optional	Optional
Operating Temp.	-10°C to 50°C	0°C to 50°C
Storage Temp.	-10°C to 60°C	-20°C to 60°C
Operating Humidity	10% ~ 90%, Non-condensing	10% ~ 90%, Non-condensing
Certifications	CE, FCC Class A	CE, FCC Class A
Dimension (mm)	329 x 280 x69.3	569 x 495 x 152
Weight (kg)	3.5	6.8

Open Frame Panel PC

Model				
	OPPC 1230T	OPPC 1240T	OPPC 1530T	OPPC 1540T
LCD Size	12.1" 4:3	12.1" 4:3	15" 4:3	15" 4:3
Max. Resolution	SVGA, 800 x 600	SVGA, 800 x 600	XGA, 1024 x 768	XGA, 1024 x 768
Luminance (cd/m^2)	450	400	400	420
Contrast Ratio	700	700	700	700
Viewing Angle (H-V)	65(U), 75(D), 80(L), 80(R)	65(U), 75(D), 80(L), 80(R)	60(U), 80(D), 80(L), 80(R)	60(U), 80(D), 80(L), 80(R)
Backlight	LED	LED	LED	LED
LCD Color	16.2M	16.2M	16.2M	16.7M
Touch Screen	Resistive 5-wire	Resistive 5-wire	Resistive 5-wire	Resistive 5-wire
Touch Light Transmission	80%	80%	80%	80%
CPU	Intel® Atom™ D2550 Dual Core 1.86GHz	Intel® Atom™ E3826 Dual Core 1.46GHz	Intel® Atom™ D2550 Dual Core 1.86GHz	Intel® Atom™ E3826 Dual Core 1.46GHz
Chipset	Intel® NM10 Express	-	Intel® NM10 Express	-
Memory	2GB DDR3 SO-DIMM module	2GB DDR3 SO-DIMM module	2GB DDR3 SO-DIMM module	2GB DDR3 SO-DIMM module
CF or CFast Socket	1 CFast	1 CFast	1 CFast	1 CFast
2nd Display Output	VGA, HDMI	VGA	VGA, HDMI	VGA
PS2 KB/MS	-	1	-	1
Ethernet (10/100/1000)	2	2	2	2
Line-out	Line-out	Line-out	Line-out	Line-out
Line-in	Line-in	-	Line-in	-
MIC-in	MIC-in	-	MIC-in	-
USB2.0/USB3.0	4/0	2/1	4/0	2/1
COM Port	2 x RS232/422/485	2 x RS232/422/485	2 x RS232/422/485	2 x RS232/422/485
Power Switch	1	1	1	1
Reset Button	1	1	1	1
Power Jack	DC 4 pin DIN Power Jack with shield, 90°	3 Pin Phoneix Connector	DC 4 pin DIN Power Jack with shield, 90°	3 Pin Phoneix Connector
2.5" Hard Driver Bay	Yes	Yes	Yes	Yes
Expansion	2 x Mini-PCIe	2 x Mini-PCIe	2 x Mini-PCIe	2 x Mini-PCIe
Mounting	Panel/Wall/Stand/VESA 75x75, 100x100mm	Panel/Wall/Stand/VESA 75x75, 100x100mm	Panel/Wall/Stand/VESA 75x75, 100x100mm	Panel/Wall/Stand/VESA 75x75, 100x100mm
Power Input	+12 ~ 30VDC	+12 ~ 30VDC	+12 ~ 30VDC	+12 ~ 30VDC
Power Supply Adapter	Optional	Optional	Optional	Optional
Operating Temp.	-5°C to 50°C	-5°C to 50°C	-5°C to 50°C	-5°C to 50°C
Storage Temp.	-20°C to 75°C	-20°C to 75°C	-20°C to 75°C	-20°C to 75°C
Operating Humidity	20% ~ 80%, Non-condensing	10% ~ 90%, Non-condensing	10% ~ 90%, Non-condensing	10% ~ 90%, Non-condensing
Dimension (WxHxD)(mm)	307 x 240 x 61.8	307 x 240 x 61.8	329 x 280 x 69.3	329 x 280 x 69.3
Weight (kg)	3.8	3.8	4	4

			
OPPC 1730T	**OPPC 1740T**	**OPPC 1930T**	**OPPC 1940T**
17" 4:3	17" 4:3	19" 4:3	19" 4:3
SXGA, 1280 x 1024	SXGA, 1280 x 1024	SXGA, 1280 x 1024	SXGA, 1280 x 1024
350	350	350	400
1000	1000	1000	700
80(U), 80(D), 85(L), 85(R)	80(U), 80(D), 85(L), 85(R)	80(U), 80(D), 85(L), 85(R)	60(U), 80(D), 80(L), 80(R)
LED	LED	LED	LED
16.7M	16.7M	16.7M	16.7M
Resistive 5-wire	Resistive 5-wire	Resistive 5-wire	Resistive 5-wire
80%	80%	80%	80%
Intel® Atom™ D2550 Dual Core 1.86GHz	Intel® Atom™ D3826 Dual Core 1.46GHz	Intel® Atom™ D2550 Dual Core 1.86GHz	Intel® Atom™ D3826 Dual Core 1.46GHz
Intel® NM10 Express	-	Intel® NM10 Express	-
2GB DDR3 SO-DIMM module	2GB DDR3 SO-DIMM module	2GB DDR3 SO-DIMM module	2GB DDR3 SO-DIMM module
1 CFast	1 CFast	1 CFast	1 CFast
VGA, HDMI	VGA	VGA, HDMI	VGA
-	-	-	-
2	2	2	2
Line-out	Line-out	Line-out	Line-out
Line-in	-	Line-in	-
MIC-in	-	MIC-in	-
4/0	2/1	4/0	2/1
2 x RS232/422/485	2 x RS232/422/485	2 x RS232/422/485	2 x RS232/422/485
1	1	1	1
1	1	1	1
DC 4 pin DIN Power Jack with shield, 90°	3 Pin Phoneix Connector	DC 4 pin DIN Power Jack with shield, 90°	3 Pin Phoneix Connector
Yes	Yes	Yes	Yes
2 x Mini-PCIe	2 x Mini-PCIe	2 x Mini-PCIe	2 x Mini-PCIe
Panel/Wall/Stand/VESA 75x75, 100x100mm	Panel/Wall/Stand/VESA 75x75, 100x100mm	Panel/Wall/Stand/VESA 75x75, 100x100mm	Panel/Wall/Stand/VESA 75x75, 100x100mm
+12 ~ 30VDC	+12 ~ 30VDC	+12 ~ 30VDC	+12 ~ 30VDC
Optional	Optional	Optional	Optional
-5°C to 50°C	-5°C to 50°C	-5°C to 50°C	-5°C to 50°C
-20˚C to 75˚C	-20˚C to 75˚C	-20˚C to 75˚C	-20˚C to 75˚C
20% ~ 80%, Non-condensing	10% ~ 90%, Non-condensing	20% ~ 80%, Non-condensing	10% ~ 90%, Non-condensing
387 x 323.2 x 73.6	387 x 323.2 x 73.6	422.6 x 350.6 x 75.8	422.6 x 350.6 x 75.8
5.6	5.6	6.15	6.15

Kiosk Panal PC

Model						
	KPPC 1551	KPPC 1552	KPPC 1561	KPPC 1562	KPPC 5851	KPPC 5852
LCD Size	15" 4:3	15" 4:3	15" 4:3	15" 4:3	15" 4:3	15" 4:3
Max Resolution	XGA, 1024 x 768	XGA, 1024 x 768	XGA, 1024 x 768	XGA, 1024 x 768	XGA, 1024 x 768	XGA, 1024 x 768
Luminance (cd/m^2)	250	250	250	250	250	250
Contrast Ratio	700	700	700	700	700	700
Viewing Angle (H-V)	80(U), 80(D), 85(L), 85(R)	80(U), 80(D), 85(L), 85(R)	80(U), 80(D), 85(L), 85(R)	80(U), 80(D), 85(L), 85(R)	80(U), 80(D), 85(L), 85(R)	80(U), 80(D), 85(L), 85(R)
Backlight	LED	LED	LED	LED	LED	LED
LCD Color	16.2M	16.2M	16.2M	16.2M	16.2M	16.2M
Touch Screen	15" Zero Bezel 5-wire Resistive Touch Panel	15" Zero Bezel Projected Capacitive Touch Panel	15" Zero Bezel 5-wire Resistive Touch Panel	15" Zero Bezel Projected Capacitive Touch Panel	15" Zero Bezel 5-wire Resistive Touch Panel	15" Zero Bezel Projected Capacitive Touch Panel
CPU	Intel® Atom™ D525 Dual Core Processor, 1.8GHz 1M L2 Cache	Intel® Atom™ D525 Dual Core Processor, 1.8GHz 1M L2 Cache	Intel® Atom™ J1900 Quad Core Processor, 2.0GHz 2M L2 Cache	Intel® Atom™ J1900 Quad Core Processor, 2.0GHz 2M L2 Cache	2nd Generation Intel® Core™ Processor FCBGA 989	2nd Generation Intel® Core™ Processor FCBGA 989
Chipset	Intel® ICH8M, NH82801HBM I/O Control Hub	Intel® ICH8M, NH82801HBM I/O Control Hub	N/A	N/A	Intel® BD82HM65 Platform Controller Hub, BD82HM65	Intel® BD82HM65 Platform Controller Hub, BD82HM65
Memory	2GB DDR3 SO-DIMM Module	2GB DDR3 SO-DIMM Module	4GB DDR3L SO-DIMM Module	4GB DDR3L SO-DIMM Module	2GB DDR3 SO-DIMM Module	2GB DDR3 SO-DIMM Module
Storage Device	1 x 2.5" SATA HDD	1 x 2.5" SATA HDD	1 x 2.5" SATA HDD	1 x 2.5" SATA HDD	1 x 2.5" SATA HDD	1 x 2.5" SATA HDD
2nd Display Output	VGA	VGA	VGA	VGA	VGA	VGA
Ethernet (10/100/1000)	1	1	1	1	1	1
Line-out/MIC	Line-out	Line-out	Line-out/MIC	Line-out/MIC	Line-out	Line-out
USB 2.0/USB 3.0	4/0	4/0	2/2	2/2	4/0	4/0
Cash Drawer Port	1	1	1	1	1	1
Parallel Port	1	1	(1)	(1)	1	1
COM Port	4x DB-9 Powered RS232	4x DB-9 Powered RS232	4x RJ-45 Powered RS232	4x RJ-45 Powered RS232	4x DB-9 Powered RS232	4x DB-9 Powered RS232
+12VDC-OUT Jack	1	1	1	1	1	1
DC-IN Jack	DC-12V IN	DC-12V IN	DC-24V IN	DC-24V IN	DC-19V IN	DC-19V IN
Power Switch	1	1	1	1	1	1
Internal Speaker	1	1	N/A	N/A	1	1
Expansion	1 x Mini-PCIe	1 x Mini-PCIe	2 x Mini-PCIe	2 x Mini-PCIe	1 x Mini-PCIe	1 x Mini-PCIe
Power Supply Adapter	External AC DC 12V/8.33A 100W Power Brick	External AC DC 12V/8.33A 100W Power Brick	External AC DC 24V/5.0A 120W Power Brick	External AC DC 24V/5.0A 120W Power Brick	External AC DC 19V/6.31A 120W Power Brick	External AC DC 19V/6.31A 120W Power Brick
Operating Temp.	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
Storage Temp.	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C
Operating Humidity	20%~80%, Non-condensing	20%~80%, Non-condensing	20%~80%, Non-condensing	20%~80%, Non-condensing	20%~80%, Non-condensing	20%~80%, Non-condensing
IP Level	Front Bezel IP65	Front Bezel IP65	Front Bezel IP65	Front Bezel IP65	Front Bezel IP65	Front Bezel IP65
Dimension (WxHxD)(mm)	366x280 x64.5	366x280x64.5	366x280x64.5	366x280x64.5	366x280x64.5	366x280x64.5
Weight (kg)	5.0 (11.0lbs)	5.0 (11.0lbs)	5.0 (11.0lbs)	5.0 (11.0lbs)	5.0 (11.0lbs)	5.0 (11.0lbs)

Model						
	KPPC 1612	KPPC 1811	KPPC 1812	KPPC 2212	KPPC 2412	KPPC 2712
LCD Size	15.6" 16:9	18.5" 16:9	18.5" 16:9	21.5" 16:9	24" 16:9	27" 16:9
Max Resolution	XGA, 1024 x 768	XGA, 1024 x 768	XGA, 1024 x 768	FHD, 1920 x 1080	FHD, 1920 x 1080	FHD, 1920 x 1080
Luminance (cd/m^2)	200	250	250	250	250	300
Contrast Ratio	600	1,000	1,000	5,000	3,000	3,000
Viewing Angle (H-V)	20(U), 45(D), 45(L), 45(R)	80(U), 80(D), 85(L), 85(R)	80(U), 80(D), 85(L), 85(R)	89(U), 89(D), 89(L), 89(R)	89(U), 89(D), 89(L), 89(R)	89(U), 89(D), 89(L), 89(R)
Backlight	LED	LED	LED	LED	LED	LED
LCD Color	262,144	16.7M	16.7M	16.7M	16.7M	16.7M
Touch Screen	15.6" Zero Bezel Projected Capacitive Touch Panel	18.5" Zero Bezel 5-wire Resistive Touch Panel	18.5" Zero Bezel Projected Capacitive Touch Panel	21.5" Zero Bezel Projected Capacitive Touch Panel	24" Zero Bezel Projected Capacitive Touch Panel	27" Zero Bezel Projected Capacitive Touch Panel
CPU	Intel® Atom™ J1900 Quad Core Processor, 2.0GHz 2M L2 Cache	Intel® Atom™ J1900 Quad Core Processor, 2.0GHz 2M L2 Cache	Intel® Atom™ J1900 Quad Core Processor, 2.0GHz 2M L2 Cache	Intel® Atom™ J1900 Quad Core Processor, 2.0GHz 2M L2 Cache	Intel® Atom™ J1900 Quad Core Processor, 2.0GHz 2M L2 Cache	Intel® Atom™ J1900 Quad Core Processor, 2.0GHz 2M L2 Cache
Chipset	N/A	N/A	N/A	N/A	N/A	N/A
Memory	4GB DDR3L SO-DIMM Module	4GB DDR3L SO-DIMM Module	4GB DDR3L SO-DIMM Module	4GB DDR3L SO-DIMM Module	4GB DDR3L SO-DIMM Module	4GB DDR3L SO-DIMM Module
Storage Device	1 x 2.5" SATA HDD	1 x 2.5" SATA HDD	1 x 2.5" SATA HDD	1 x 2.5" SATA HDD	1 x 2.5" SATA HDD	1 x 2.5" SATA HDD
2nd Display Output	VGA	VGA	VGA	VGA	VGA	VGA
Ethernet (10/100/1000)	1	1	1	1	1	1
Line-out/MIC	Line-out/MIC	Line-out/MIC	Line-out/MIC	Line-out/MIC	Line-out/MIC	Line-out/MIC
USB 2.0/USB 3.0	2/2	2/2	2/2	2/2	2/2	2/2
Cash Drawer Port	1	1	1	1	1	1
Parallel Port	1	1	1	1	1	1
COM Port	4x RJ-45 Powered RS232	4x RJ-45 Powered RS232	4x RJ-45 Powered RS232	4x RJ-45 Powered RS232	4x RJ-45 Powered RS232	4x RJ-45 Powered RS232
+12VDC-OUT Jack	1	1	1	1	1	1
DC-IN Jack	DC-24V IN	DC-24V IN	DC-24V IN	DC-24V IN	DC-24V IN	DC-24V IN
Power Switch	1	1	1	1	1	1
Internal Speaker	N/A	L/R	L/R	L/R	L/R	L/R
Expansion	2 x Mini-PCIe	2 x Mini-PCIe	2 x Mini-PCIe	2 x Mini-PCIe	2 x Mini-PCIe	1 x Mini-PCIe
Power Supply Adapter	External AC DC 24V/5.0A 120W Power Brick	External AC DC 24V/5.0A 120W Power Brick	External AC DC 24V/5.0A 120W Power Brick	External AC DC 24V/5.0A 120W Power Brick	External AC DC 24V/5.0A 120W Power Brick	External AC DC 24V/5.0A 120W Power Brick
Operating Temp.	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
Storage Temp.	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C
Operating Humidity	20%~80%, Non-condensing	20%~80%, Non-condensing	20%~80%, Non-condensing	20%~80%, Non-condensing	20%~80%, Non-condensing	20%~80%, Non-condensing
IP Level	Front Bezel IP65	Front Bezel IP65	Front Bezel IP65	Front Bezel IP65	Front Bezel IP65	Front Bezel IP65
Dimension (WxHxD)(mm)	394.6 x 331 x 49	461.6 x 309.8 x 64.5	525.2 x 320.2 x 55.3	576.1 x 344.3 x 62.1	647.8 x 469.2 x 63.4	366 x 280 x 64.5
Weight	4.0 (8.8lbs)	6.2 (13.7lbs)	6.2 (13.7lbs)	7.0 (15.4lbs)	9.5 (20.9lbs)	10.5 (23.1lbs)

NDiS 126

Fanless Embedded Computer

Powered by Intel® Atom™ Processor D2550 Support Full HD Video Playback

Main Features

- Intel® Atom™ processor D2550
- Low power consumption
- Compact and fanless
- Dual GbE LAN
- Hyper-threading support
- Intel® GMA 3650 integrated graphic engine

Product Overview

Powered by Intel® Atom™ processor D2550, NDiS 126 has enhanced graphics capabilities to playback HD video with low power consumption. NDiS 126 provides various options of video and audio outputs, dual GbE Ethernet with optional wireless connectivity, SIM Card slot for 3.5G radio connectivity.

Compact and fanless design makes the NDiS 126 an ideal choice for digital signage platforms adapted to almost any environment. NDiS 126 works perfectly for advertising, brand promotion and digital menu board application.

Specifications

CPU Support
- Intel® Atom™ processor D2550 1.86GHz onboard

Chipset
- Intel® NM10 Express chipset

Graphics
- Intel® GMA 3650 integrated graphic engine

Main Memory
- 1 x 204-pin SO-DIMM sockets, Supports DDR3 1333/1066/800MHz non-ECC, un-buffered memory up to 4GB

I/O Interface-Front
- ATX power on switch
- 1 x power status LED (green)
- 1 x HDD status LED (red)
- 4 x USB 2.0 ports
- 1 x external SIM card holder
- 1 x antenna holes
- 1 x serial port (RS-232)

I/O Interface-Rear
- +12V DC-in
- 1 x HDMI
- 1 x additional output (VGA/HDMI)
- 2 x USB 2.0 ports
- 2 x RJ45 with LEDs for 10/100/1000Mbps Ethernet
- 1 x Line-out (NDiS 126V/NDiS 126H)
- 1 x Line-in (NDiS 126V)

Storage
- 1 x SATA 2.5" HDD

Dimensions
- 185mm (W) x 147mm (D) x 48.4mm (H) (7.3" x 5.8" x 1.9") w/o wall mount bracket

Power Supply
- 1 x External 50W AC/DC power adapter
  Input: 100 ~ 240VAC
  Output: +12VDC

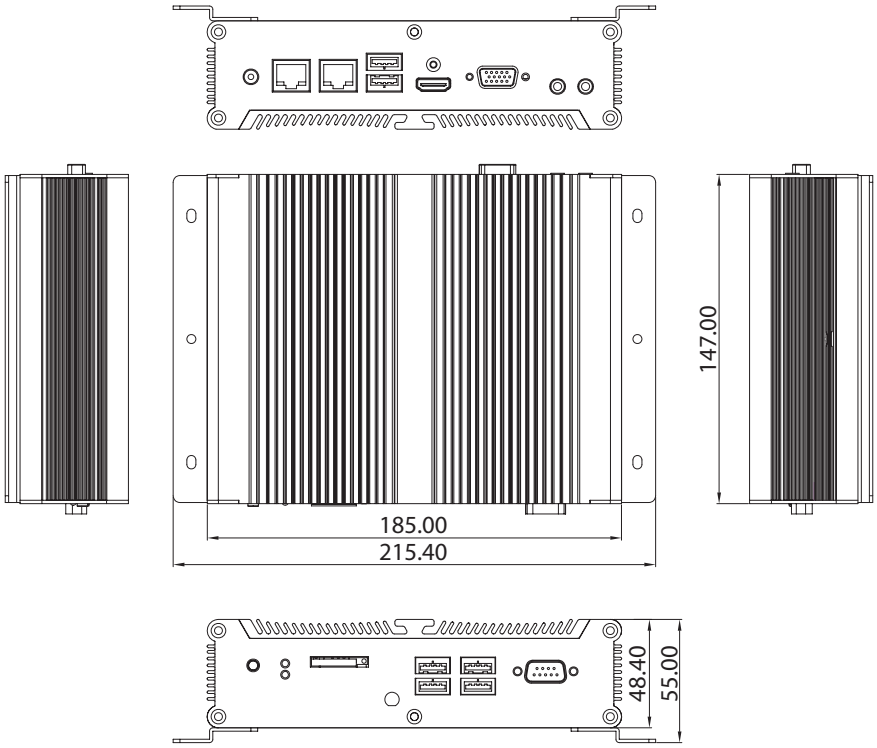
Expansion
- 1 x mini-PCIe for optional WLAN/TV tuner module

Environment
- Operating temperature: 0°C to 40°C
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

Certification
- CE approval
- FCC Class A

Operating System
- Win7 (32Bit)/WES7 (32Bit)

Dimension Drawing



Ordering Information

- **NDiS 126-1 (P/N: 10W00012601X0)**
  Intel® Atom™ processor D2550, Intel® NM10 Express chipset, 1 x HDMI output
- **NDiS 126-1H (P/N: 10W00126H01X0)**
  Intel® Atom™ processor D2550, Intel® NM10 Express chipset, 2 x HDMI output
- **NDiS 126-1V (P/N: 10W00126V02X0)**
  Intel® Atom™ processor D2550, Intel® NM10 Express chipset, 1 x HDMI, 1 x VGA output

NDiS 127

Fanless Digital Signage Player Powered by AMD G-series APU

Main Features

- AMD G-series T56N 1.65GHz Dual Core APU
- Integrated AMD Radeon™ HD6320 GPU
- Fanless and compact design
- Low power consumption
- 2 x mini-PCIe slot for TV tuner/WLAN support
- 4 x USB ports
- DirectX® 11 support

Product Overview

Powered by AMD G-series T56N Dual Core Accelerated Processing Unit, NDiS 127 can play rich multimedia contents but consumes little power. Integrated with AMD Radeon™ HD6320 Graphic Processing Unit in APU, NDiS 127 supports 1080P video playback and DirectX®11 to demonstrate high impact contents through dual displays.

NDiS 127 is housed in a maintenance-free fanless chassis with compact size. NDiS 127 is designed to fulfill small form factors, low cost, high reliability and low power requriement in digital signage application.

Specifications

CPU Support
- AMD G-series Dual Core processor T56N 1.65GHz onboard
- AMD Radeon™ HD6320 GPU in processor

Chipset
- AMD A55E Controller Hub

Main Memory
- 1 x 204-pin SO-DIMM sockets, Supports DDR3 1333/1066/800MHz non-ECC, un-buffered memory up to 4GB

I/O Interface-Front
- ATX power on switch
- 1 x HDD status LED (yellow)
- 1 x power status LED (green)

I/O Interface-Rear
- +12V DC-in
- 1 x DB9 for RS-232
- 4 x USB
- 1 x RJ45 Gigabit LAN connector with LED
- 1 x Line-out/1x Mic-in
- 1 x HDMI
- 1 x DB15 VGA
- 2 x antenna hole for Wi-Fi or TV tuner module

Storage
- 1 x SATA 2.5" HDD

Dimensions
- 185mm (W) x 147mm (D) x 48.4mm (H) (7.1" x 5.7" x 1.9") w/o wall mount bracket

Power Supply
- 1 x External 50W AC/DC power adapter
  Input: 100 ~ 240VAC
  Output: +12VDC

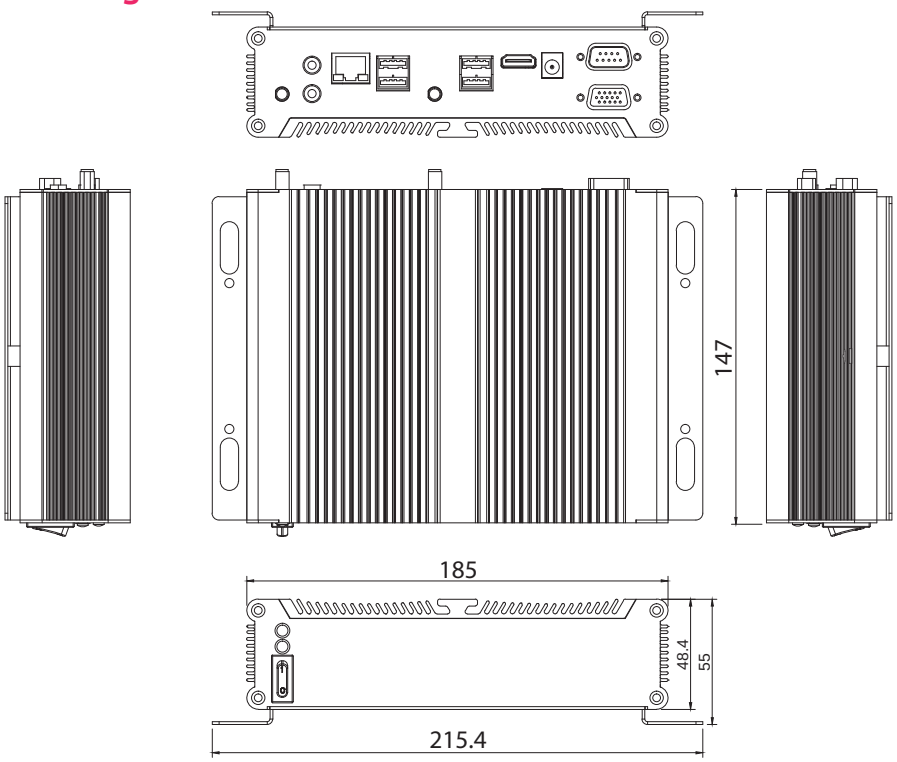
Expansion
- 1 x Full mini-PCIe for optional WLAN/TV tuner module
- 1 x half mini-PCIe for optional WLAN/TV tuner module

Environment
- Operating temperature: 0°C to 40°C
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

Certification
- CE approval
- FCC Class A

Operating System
- Win7/XP/WES7/WES2009/Linux

Dimension Drawing



Ordering Information

- **NDiS 127 (P/N: 10W0012700X0)**
  AMD G-series Dual Core processor T56N 1.65GHz, AMD Radeon™ HD6320 GPU in processor, AMD A55E controller Hub

NDiS B115

Digital Signage Player

Powered by ARM® Cortex®-A17 Quad Core Processor

Main Features

- On board Cortex®-A17 quad core SoC
- Compliant to HDMI 2.0, support 4K2K video content
- On board IEEE802.11 b/g/n and Bluetooth 4.0
- Fanless and slim design
- Support Android

Product Overview

Powered by ARM® Cortex®-A17 Quad core, NDiS B115 can play rich multi-media contents with low power consumption. NDiS B115 is enclosed in a compact chassis and can be easily integrated to display devices, such as LCD TV or PDP at site installation with HDMI display output (up to HDMI 2.0 support 4K2K 60Hz), Giga LAN. NDiS B115 is suitable as an entry level digital signage player for advertising, messaging, and brand promotion.

Specifications

Processor

- Rockchip RK3288 28nm Cortex®-A17 Quad core up to 1.8GHz

Memory

- Support DDR3 2GB memory on board

I/O Interface – Front

- Power LED indicator

I/O Interface-Left

- 1 x SD card slot support up to 64GB flash card
- Rest button
- 1 x USB 2.0

I/O Interface – Rear

- 1 x HDMI 2.0 output
- 1 x RJ45 Gigabit LAN port
- 1 x USB OTG
- 1 x ANT
- DC 5V power input jack
- 1 x Audio line out

Storage

- Internal Flash: default 16G Bytes eMMC flash

Dimension

- 118mm(W) x 101mm (D) x 23.6mm(H)

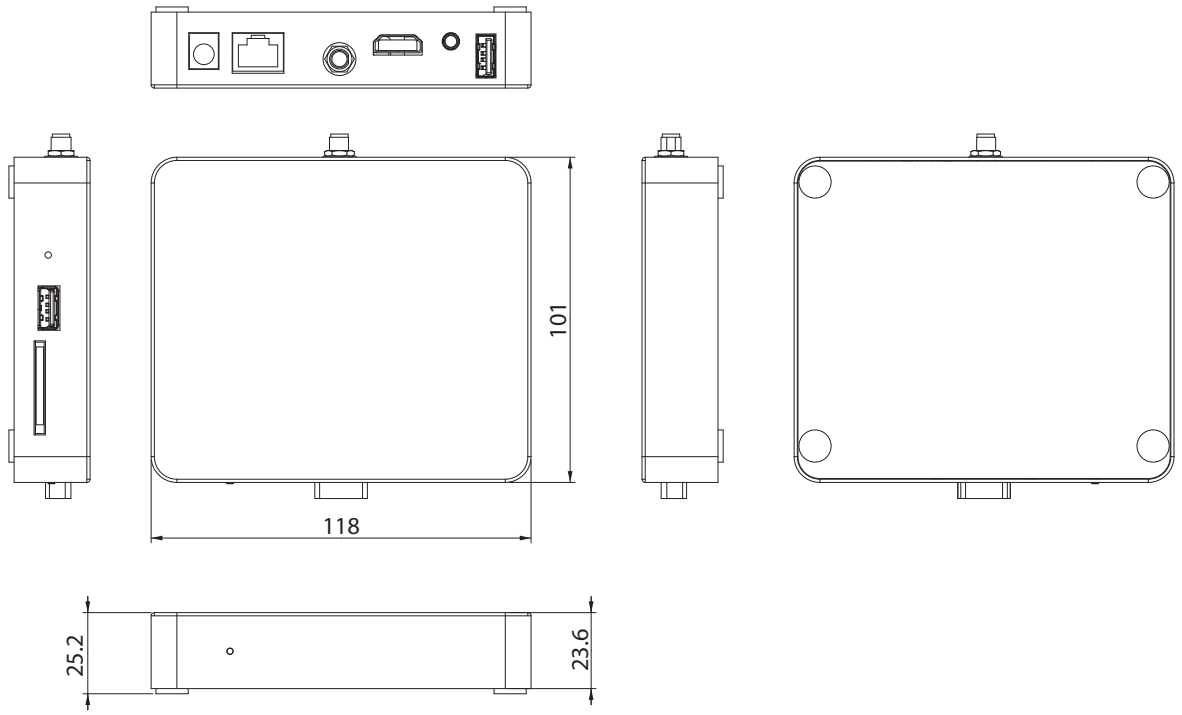
Environment

- Operating temperature: ambient with air flow from -10°C to 50°C
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 95% (non-condensing)

Operating System

- Android 4.4

Dimension Drawing



Ordering Information

- **NDiS B115 (P/N: 10W00B11500X0)**
  Rockchip RK3288 ARM Cortex-A17 Quad core

NDiS B325

Fanless Embedded Computer Powered by
Intel® Celeron® N3150/Core™ i3-6100U/Core™ i5-6200U SoC Processor

Main Features

- Intel® Celeron® N3150/Core™ i3-6100U/Core™ i5-6200U
- HDMI (4K Resolution) and VGA independent displays (N3150)
- USB 3.0 support
- WLAN support
- Compact and fanless design
- Wide Temperature Support

Product Overview

Powered by new generation Intel® Celeron® N3150/Core™ i3-6100U/Core™ i5-6200U SoC processor, NDiS B325 series digital signage player can handle very rich multimedia contents. With Intel® processor low power consumption feature, In addition, the 6th generation Intel® Core™ processors deliver significant improvements up to two and a half times the performance in graphics offering stunning visuals for compelling 4K content creation and media playback. NDiS B325 series supports display output by HDMI and VGA ports (N3150). NDiS B325 (N3150) is ideal as entry level digital signage player, NDiS B325-SI3 (i3-6100U) is high performance player, adding integration flexibility with various peripherals such as touchscreen displays, scanners, readers, and many more. NDiS B325 series The fanless design with wide temperature durability further extends to semi-outdoor usage like QSR drivethrough kiosks, box office displays, information stands, bus stops, or digital transit information signs. It is also ideal as a digital signage player delivering enhanced performance and new immersive experiences for advertising, hospitality and brand promotion applications.

Specifications

CPU Support

- Intel® Celeron® SoC Processor N3150 Quad Core 1.6GHz up to 2.08GHz (NDiS B325)
- Intel® Core™ i3-6100U SoC processor Dual Core 2.3GHz (NDiS B325-SI3)
- Intel® Core™ i5-6200U SoC processor Dual Core 2.3GHz up to 2.8GHz (NDiS B325-SI5)

Graphics

- Intel® HD Graphics (NDiS B325)
- Intel® HD520 Graphics (NDiS B325-SI3/B325-SI5)

Main Memory

- 1 x 204-pin SO-DIMM socket, supports DDR3L non-ECC, un-buffered memory up to 8G (NDiS B325)
- 1 x 260-pin SO-DIMM Sockets, Supports DDR4 1866/2133 MHz non-ECC, un-buffered memory up to 8G (NDiS B325-SI3/B325-SI5)

I/O Interface-Front

- 2 x USB 2.0
- 2 x USB 3.0
- 1 x DB9 for RS323
- 1 x Power LED (NDiS B325)
- 1 x Power Switch with LED (NDiS B325-SI3/B325-SI5)

I/O Interface-Rear

- 19V DC Power in
- 1 x VGA (NDiS B325 Only, NDiS B325-SI3/B325-SI5 change to HDMI)
- 1 x HDMI (4K Resolution)
- 2 x Antenna hole for Wi-Fi or TV tuner
- 2 x USB 3.0
- 1 x RJ45 with LEDs for 10/100/1000Mbps Ethernet
- 1 x Audio-out
- 1 x Mic-in

Storage

- 1 x 2.5" SATA HDD Bay

Dimensions

- 226.34 x 147.40 x 29.00 mm

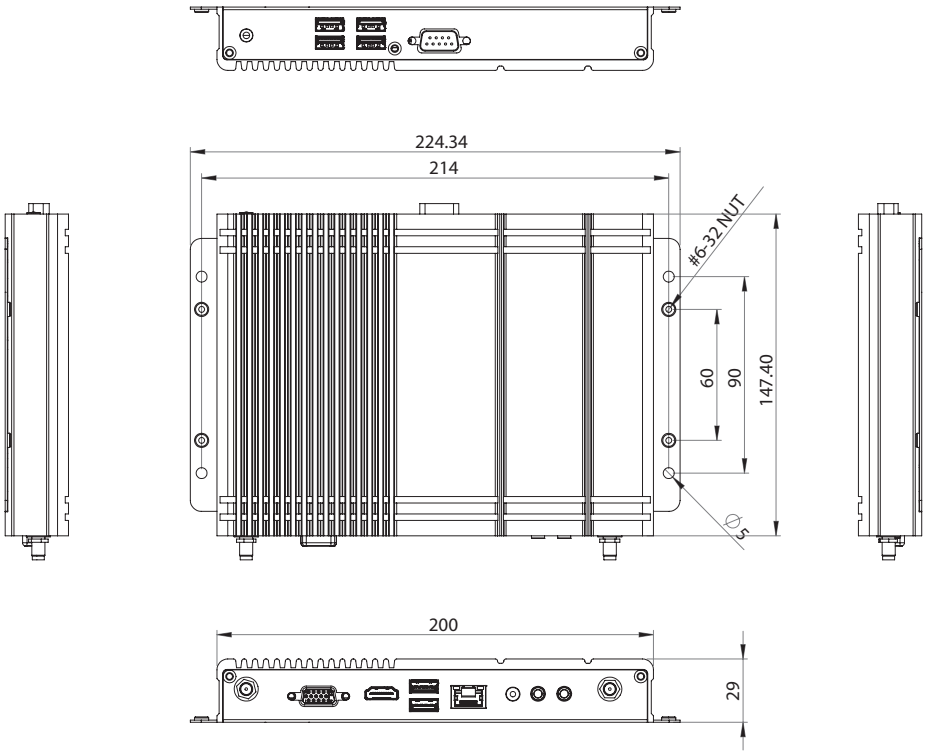
Power Supply

- 1 x External 65W AC/DC power adapter

Expansion

- 1 x mini-PCIe slot (NDiS B325)
- 1 x NGFF (M.2) E key for optional 22x 30 WLAN module (NDiS B325-SI3/B325-SI5)

Dimension Drawing



Environment

- Operating temperature: -20°C~50°C
- Storage temperature: -25°C to 80°C
- Humidity: 10 to 90% (non-condensing)

Certification

- CE approval
- FCC Class A

Operating System

- Win 7/WES7/Win 8/WE8S/Win 10/Linux

Ordering Information

- **NDiS B325 (P/N: 10WOOB32500X0)**
  Intel® Celeron® N3150 Quad Core fanless system
- **NDiS B325-SI3 (PN: 10W00B32506X0)**
  Intel® Core™ i3-6100U Dual Core fanless system
- **NDiS B325-SI5 (P/N: 10W00B32502X0)**
  Intel® Core™ i5-6200U Dual Core fanless system

NDiS B336R

Fanless Embedded Computer Powered by
Quad Core Intel® Atom™ x7-E3950 Processor, 2.0GHz

Main Features

- 6th generation Intel® Atom™ x7-E3950 processor
- Tripe video output (HDMI/DP support 4K2K resolution)
- Compact and slim design (H: 21.5mm)
- Wide temperature support
- Supports W-Fi, GPS, and 3G module
- Fanless design

Product Overview

Powered by new generation Intel® Atom™ x7-E3950 processor, NDiS B336R series digital signage player can handle very rich multimedia contents. With Intel® processor low power consumption feature, In addition, the 6th generation Intel® Core™ processors deliver significant improvements up to two and a half times the performance in graphics offering stunning visuals for compelling 4K content creation and media playback. NDiS B36R series supports display output by HDMI and DP ports is ideal as entry level digital signage player, NDiS B336R series The slim/fanless design with wide temperature durability further extends to semi-outdoor usage like QSR drive through kiosks, box office displays, information stands, bus stops, or digital transit information signs. It is also ideal as a digital signage player delivering enhanced performance and new immersive experiences for advertising, hospitality and brand promotion applications.

Specifications

CPU Support
- Quad core Intel® Atom™ x7-E3950 processor, 2.0GHz

Chipset
- SoC (codenamed Apollo Lake-I)

Graphics
- Intel® HD Graphics 500 series

Main Memory
- 2 x 204-pin SO-DIMM socket, supports DDR3L 1600MHz non-ECC, Un-buffered memory up to 16GB

I/O Interface-Front
- 1 x 19V DC in
- 1 x DB9 for RS-232
- 1 x RJ45 with LEDs 10/100/1000Mbps Ethernet
- 2 x USB3.0
- 1 x Display Port
- 2 x HDMI Port
- 1 x HDD LED
- 1 x Power Switch

I/O Interface-Rear
- 2 x Antenna Hole for Wi-Fi or TV Tuner
- 3 x USB3.0
- 1 x Audio-out
- 1 x MIC-in

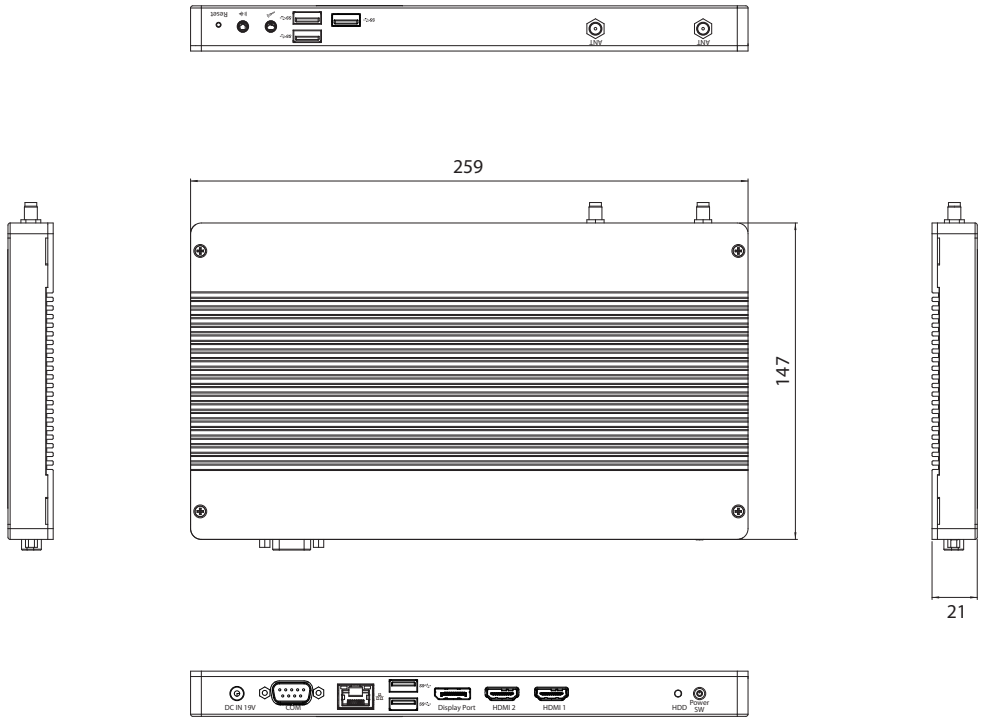
Storage
- 1 x SATA 2.5”

Expansion
- 1 x mini-PCIe slot (full size)
- 1 x NGFF (M.2) 2230 for optional WLAN
- 1 x SIM Slot

Power Supply
- 1 x external 63W AC/DC power adapter
- Input: 100VAC to 240VAC
- Output: DC+19VDC

Environment
- Operating temperature: -10°C to 60°C (SSD) ; 0°C to 40°C (HDD)
- Storage temperature: -25°C to 80°C
- Humidity: 10 to 90% (non-condensing)

Dimension Drawing



Certification
- CE approval
- FCC Class A

Dimensions
- 259mm (W) x 147mm (D) x 21mm (H)

Operating System
- Win10/Linux

Ordering Information

- **NDiS B336R (P/N: 10W00B33600X0)**
  Quad core Intel® Atom™ x7-E3950 slim and fanless system

NDiS B425-SI3

Fanless Embedded Computer

Powered by Intel® Core™ i3-6100U SoC Processor

Main Features

- 6th generation Intel® Core™ i3-6100U SoC processor
- 1 x mini DP and 1 x HDMI port, support 4K
- USB 3.0 support
- WLAN support
- M.2 slot support for Wifi and SSD
- Compact and fanless design

Product Overview

Powered by new generation Intel® Core™ i3-6100U SoC processor, NDiS B425-SI3 digital signage player can handle very rich multimedia contents. With Intel® processor low power consumption feature, In addition, the 6th generation Intel® Core™ processors deliver significant improvements up to two and a half times the performance in graphics offering stunning visuals for compelling 4K content creation and media playback. NDiS B425-SI3 supports display output by HDMI and Mini-DP ports.

NDiS B425-SI3 is high performance player, adding integration flexibility with various peripherals such as touchscreen displays, scanners, readers, and many more. It is also ideal as a digital signage player delivering enhanced performance and new immersive experiences for advertising, hospitality and brand promotion applications.

Specifications

CPU Support
- Intel® Core™ i3-6100U SoC processor Dual Core 2.3GHz

Graphics
- Intel® HD520 Graphics

Main Memory
- 2 x 204-pin SO-DIMM sockets, Support DDR3L 1333/1600MHz non-ECC, un-buffered memory up to 16G

I/O Interface-Front
- 1 x Power Switch with LED
- 2 x USB3.0
- 1 x Headset/Mic phone jack
- 2 x Antenna Hole

I/O Interface-Rear
- +19V DC-in
- 1 x HDMI
- 1 x Mini-Display Port
- 1 x DB9 for RS-232
- 2 x USB3.0
- 1 x RJ45 with LED for 10/100/1000Mbs Ethernet

Storage
- 1 x 2.5" HDD/SSD

Dimensions
- 167mm (W) x 139.6mm (D) x 55mm(H), w/o mounting bracket

Construction
- Top cover made by aluminum for main heat exchange

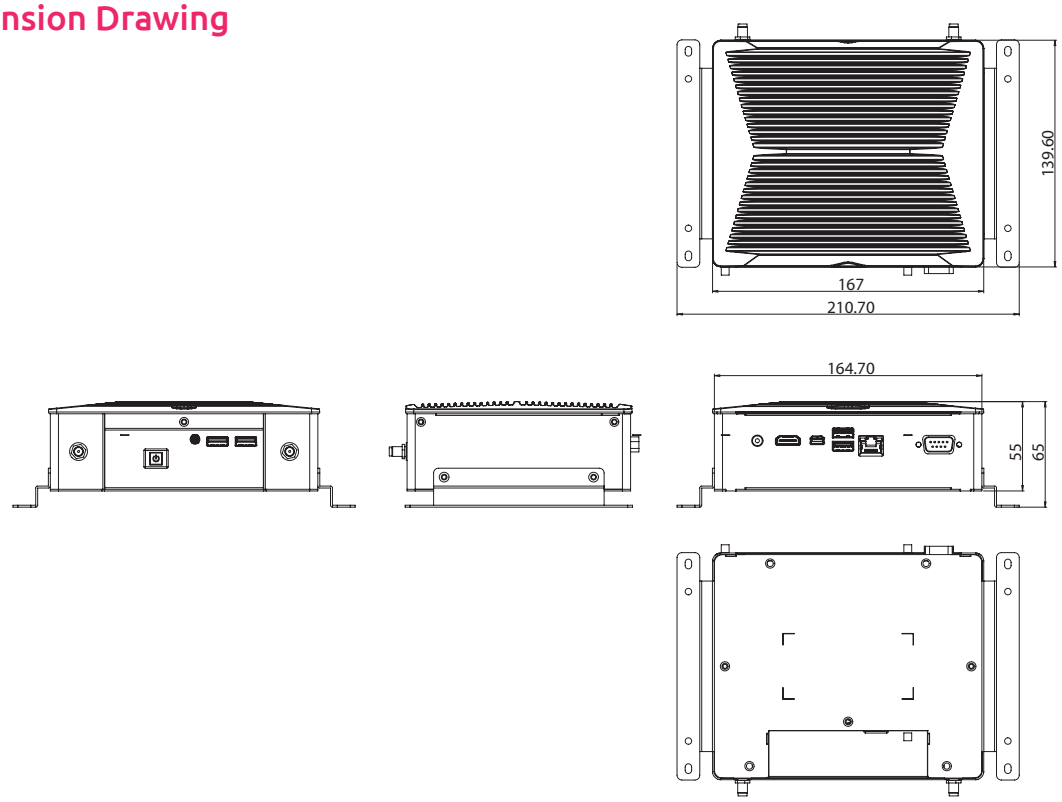
Power Supply
- 1 x External 65W AC/DC adapter
- Input: 100~240VAC
- Output: +19V

Expansion
- 1 x NGFF (M.2) E key for optional 2230 WLAN module
- 1 x NGFF (M.2) for optional 2242 Storage module

Environment
- Operating temperature: 0°C to 40°C
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

Certification
- CE approval
- FCC Class A

Dimension Drawing



Operating System

- Win7/Win8/Win10/WES7/WES8/Linux

Ordering Information

- **NDiS B425-SI3 (P/N: 10W00B42503X0)**
  Intel® Core™ i3-6100U Dual Core fanless system

NDiS B426

Advanced Graphics Player
Powered by Intel® Celeron® Processor 3855U

Main Features

- 6th generation Intel® Celeron™ 3855U processor
- Discrete GPU NVIDIA® GeForce® GT 730
- Dual HDMI output (4K2K resolution support)
- Compact and slim design (H: 29mm)

Product Overview

Powered by new generation Intel® Celeron® Processor 3855U and NVIDIA® GeForce® GT 730M, NDiS B426 digital signage player can handle 4K2K multimedia contents. With Intel® processor low power consumption feature, NDiS B426 supports display output by Dual HDMI ports. NDiS B426 is ideal as middle level digital signage player for advertising, hospitality and brand promotion application.

Specifications

CPU Support
- Intel® Celeron® Processor 3855U Dual Core 1.6GHz SoC

Chipset
- Intel® HD Graphics 510
- NVIDIA® GeForce® GT 730 GPU

Main Memory
- 1 x 260-pin SO-DIMM Sockets, Supports DDR4 1866/2133 MHz non-ECC, un-buffered memory up to 8G

I/O Interface-Front
- 2 x USB 2.0
- 2 x USB 3.0
- 2 x Antenna hole for Wi-Fi or TV tuner

I/O Interface-Rear
- 19V DC Power in
- 1 x Power Button
- 2 x HDMI Port
- 2 x USB 3.0
- 1 x RJ45 with LEDs 10/100/1000Mbps Ethernet
- 1 x DB9 for RS-232
- 1 x Audio-out
- 1 x Mic-in

Storage
- 1 x 2.5" SATA HDD Bay

Expansion
- 1 x NGFF (M.2) E key for optional WLAN

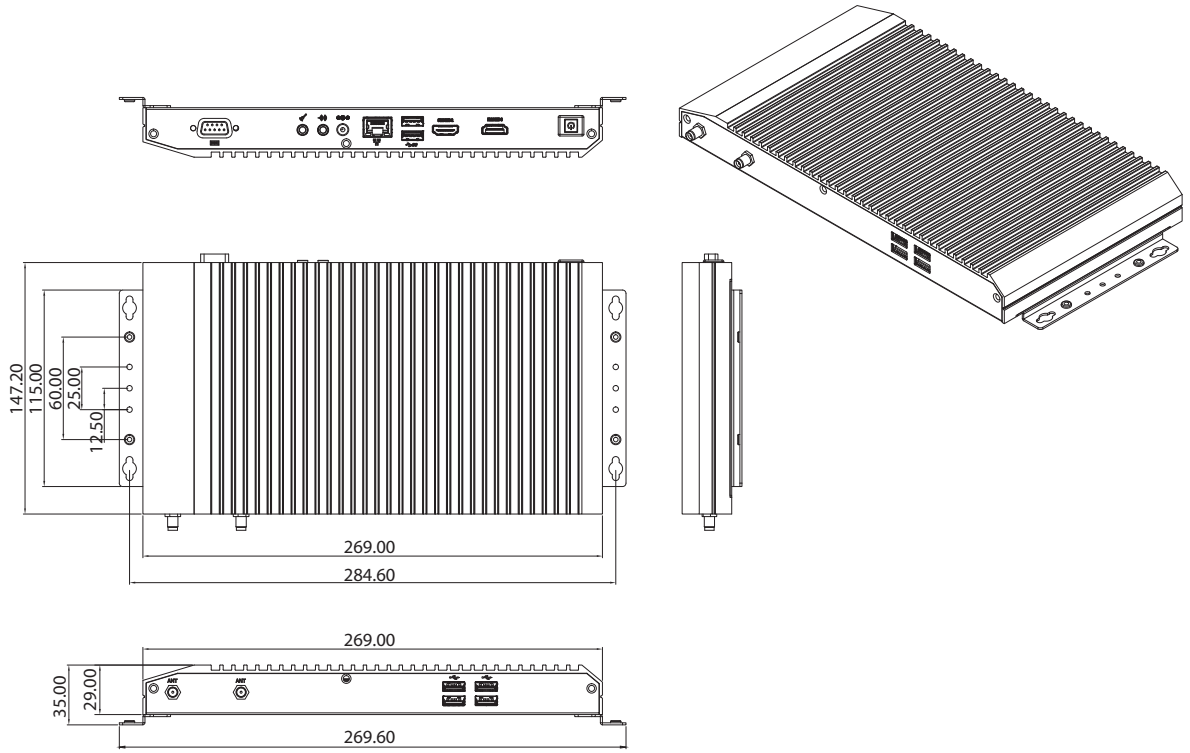
Dimensions
- 269mm (W) x 147.4mm (D) x 29mm (H)

Power Supply
- 1 x External 63W AC/ DC power adapter
  Input: 100VAC to 240VAC
  Output: DC+19VDC

Environment
- Operating temperature: -20°C to +50°C
- Storage temperature: -25°C to +80°C
- Humidity: 10 to 90% (non-condensing)

Certification
- CE approval
- FCC Class A

Dimension Drawing



Ordering Information

- **NDiS B426 (P/N : 10W00B42600X0)**
  Intel® Celeron® Processor 3855U with Nvidia GT 730M GPU

NDiS 166

Fanless Embedded Computer Powered by 2nd Gen. Intel® Core™ Processor, Support Dual Full HD Video Playback

Main Features

- 2nd generation Intel® Core™ processor family platform
- Intel® integrated graphics engine
- Intel® AMT 7.0 Support
- Dual independent display
- Dual Gbe LAN
- WLAN/TV tuner support

Product Overview

NDiS 166 is specially designed to be mounted behind the large-size display device such as LCD TV or PDP. NDiS 166 supports dual display output by DVI, HDMI or VGA. The NDiS 166 operates on 2nd generation Intel® Core™ Processor Family with QM67 integrated graphics controller. NDiS 166 can smoothly playback dual Full HD video. NDiS 166 is ideal as advanced digital signage player for advertising, hospitality, brand promotion and digital menu board application.

Specifications

CPU Support

- 2nd generation Intel® Core™ rPGA socket type processor

Chipset

- Intel® QM67
- Intel® integrated graphics

Main Memory

- 2 x 240-pin DIMM sockets, Supports DDR3 1333/1066MHz non-ECC, un-buffered memory up to 16GB (single socket max. 8GB)

I/O Interface-Front

- 2 x USB 2.0
- 2 x RS-232
- 1 x On/Off power switch
- 2 x LED for PW and HDD

I/O Interface-Rear

- 1 x +12V DC-in
- 1 x VGA
- 1 x DVI-D
- 1 x HDMI
- 2 x USB 2.0
- 2 x RJ45 with LED for 10/100/1000 Mbps Ethernet
- 1 x SPDIF
- 1 x Line-out/1 x Line-in
- 2 x Antenna hole for Wi-Fi and TV tuner

Storage

- 1 x 2.5" SATA HDD bay

Expansion

- 1 x mini-PCIe for optional wireless LAN module
- 1 x mini-PCIe for optional TV tuner module

Dimensions

- 250mm (W) x 194mm (D) x 40mm (H) (9.8" x 7.6" x 1.6") w/o mounting bracket

Construction

- Top cover made by aluminum for main heat exchange
- Chassis made by steel in black

Power Supply

- 1 x External 80W AC/DC power adaptor
  Input: 100 ~ 240VAC
  Output: +12VDC

Environment

- Operating temperature: 0°C to 40°C
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

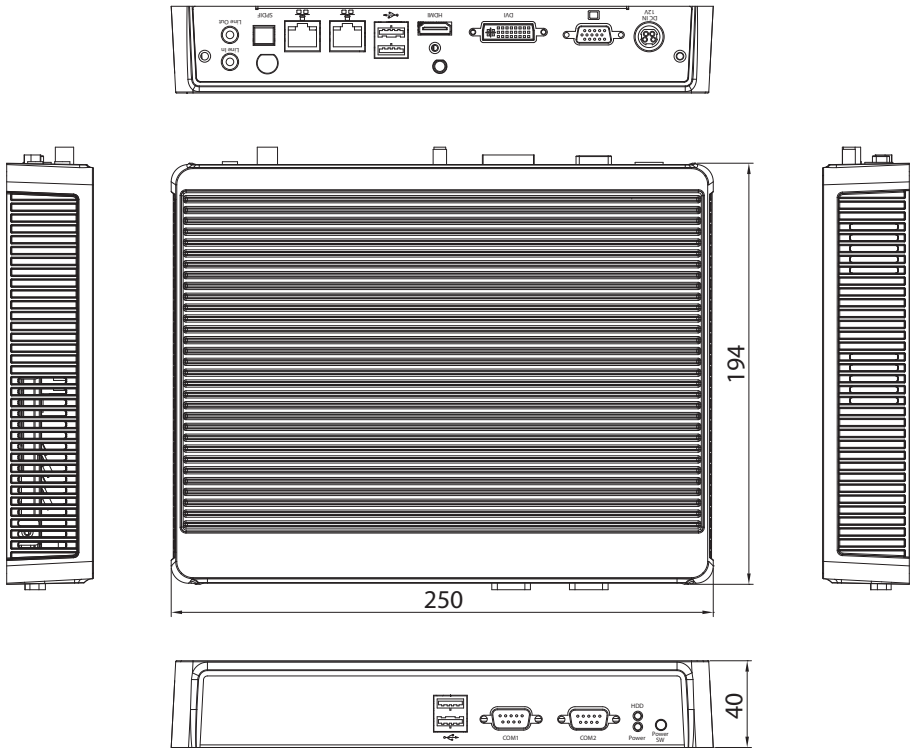
Certification

- CE approval
- FCC Class A

Operating System

- Win7/Win8/XP/WES7/WE8S/WES2009/Linux

Dimension Drawing



Ordering Information

- **NDiS 166 (P/N: 10W00016600X0)**
  2nd generation Intel® Core™ processor (up to 35W) fanless system, Intel® QM67 chipset
- **NDiS 166F (P/N: 10W00016601X0)**
  2nd generation Intel® Core™ processor (up to 45W) system, Intel® QM67 chipset

NDiS 167

Embedded Computer Powered by 3rd Gen. Intel® Core™ Processor,
Support Dual Full HD Video Playback

Main Features

- 3rd generation Intel® Core™ processor
- Intel® integrated HD 4000 graphic engine
- Intel® AMT 8.0 Support
- 3 Independent display
- USB 3.0, Dual GbE LAN support
- WLAN/TV tuner support
- DirectX® 11 support

Product Overview

NDiS 167 Ivy Bridge player is a powerful digital signage player which is built around the superb technology of 3rd generation Intel® Core™ processor family series and QM77 integrated graphics controller. The digital signage player can offer impressive system performance and full HD videos. With support for smooth 1080P video playback on three independent displays, the 1080P signage player can fully satisfy customer's expectation and therefore be used in applications such as advertising, hospitality, brand promotion and digital menu board.

Specifications

CPU Support
- 3rd generation Intel® Core™ rPGA socket type processor

Chipset
- Intel® QM77
- Intel® integrated HD4000 graphic engine

Main Memory
- 2 x 240-pin DIMM sockets, Supports DDR3 1600/1333MHz non-ECC, un-buffered memory up to 16GB (single socket max. 8GB)

I/O Interface-Front
- 1 x power status LED
- 1 x HDD status LED
- 1 x power switch
- 1 x reset switch
- 2 x USB 3.0
- 2 x DB9 for RS-232

I/O Interface-Rear
- +12V DC-in
- 1 x Display port
- 1 x DVI-I
- 1 x HDMI
- 2 x USB 3.0
- 2 x RJ45 with LED for 10/100/1000Mbs Ethernet
- 1 x SPDIF
- 1 x Line-in/1 x Line-out
- 3 x antenna hole for Wi-Fi and TV tuner

Storage
- 1 x SATA 2.5" HDD
- 1 x SATA DOM

Expansion
- 1 x mini-PCIe for optional WLAN module
- 1 x mini-PCIe for optional TV tuner module

Dimensions
- 250mm (W) x 194mm (D) x 40mm (H) (9.9" x 7.6" x 1.6") w/o mounting bracket

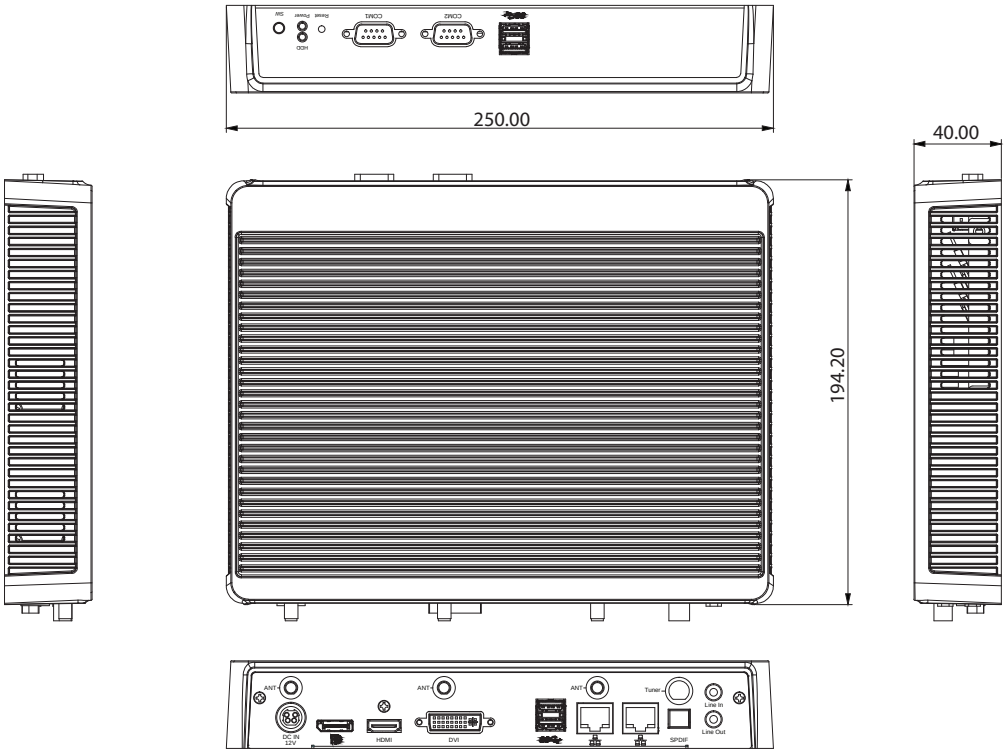
Construction
- Top cover made by aluminum for main heat exchange
- Chassis made by steel in black

Power Supply
- 1 x External 80W AC/DC adapter
  Input: 100 ~ 240VAC
  Output: +12VDC

Environment
- Operating temperature: 0°C to 40°C
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

Certification
- CE approval
- FCC Class A

Dimension Drawing



Operating System

- Win7/Win8/XP/WES7/WE8S/WES2009/Linux

Ordering Information

- **NDiS 167 (P/N: 10W00016700X0)**
  3rd generation Intel® Core™ processor (up to 35W) system, Intel® QM77 chipset

NDiS B532

Fanless Embedded Computer Powered by 3rd Gen. Intel® Core™ Processor, Support Dual Full HD Video Playback

Main Features

- 3rd Generation Intel® Core™ processor
- Intel® integrated HD 4000 graphic engine
- Compact and slim design
- 3 independent display
- USB 3.0, Dual GbE LAN support
- WLAN/TV tuner support
- DirectX® 11 support

Product Overview

NDiS B532 is a powerful digital signage player which is built around the superb technology of 3rd generation Intel® Core™ processor family series and QM77 integrated graphics controller. The digital signage player can offer impressive system performance and full HD videos. With support for smooth 1080P video playback on three independent displays, the 1080P signage player can fully satisfy customer's expectation and therefore be used in applications such as advertising, hospitality, brand promotion and digital menu board.

Specifications

CPU Support
- 3rd generation Intel® Core™ rPGA socket type processor

Chipset
- Intel® QM77
- Intel® integrated HD4000 graphic engine

Main Memory
- 2 x 204-pin SO-DIMM sockets, Supports DDR3 1600/1333MHz non-ECC, un-buffered memory up to 16GB (single socket max. 8GB)

I/O Interface-Front
- 1 x Power status LED
- 1 x HDD status LED
- 1 x Power switch
- 1 x Reset switch
- 2 x USB 3.0
- 2 x DB9 for RS-232

I/O Interface-Rear
- +12V DC-in
- 3 x HDMI
- 2 x USB 3.0
- 2 x RJ45 with LED for 10/100/1000Mbs Ethernet
- 1 x SPDIF
- 1 x Line-in/1 x Line-out
- 3 x antenna hole for Wi-Fi and TV tuner

Storage
- 1 x SATA 2.5" HDD
- 1 x SATA DOM

Expansion
- 1 x mini-PCIe for optional WLAN module
- 1 x mini-PCIe for optional TV tuner module

Data Protection
- 1 x Wafer on board for TPM module (ver. 1.2), support Intel® Trusted Execution Technology

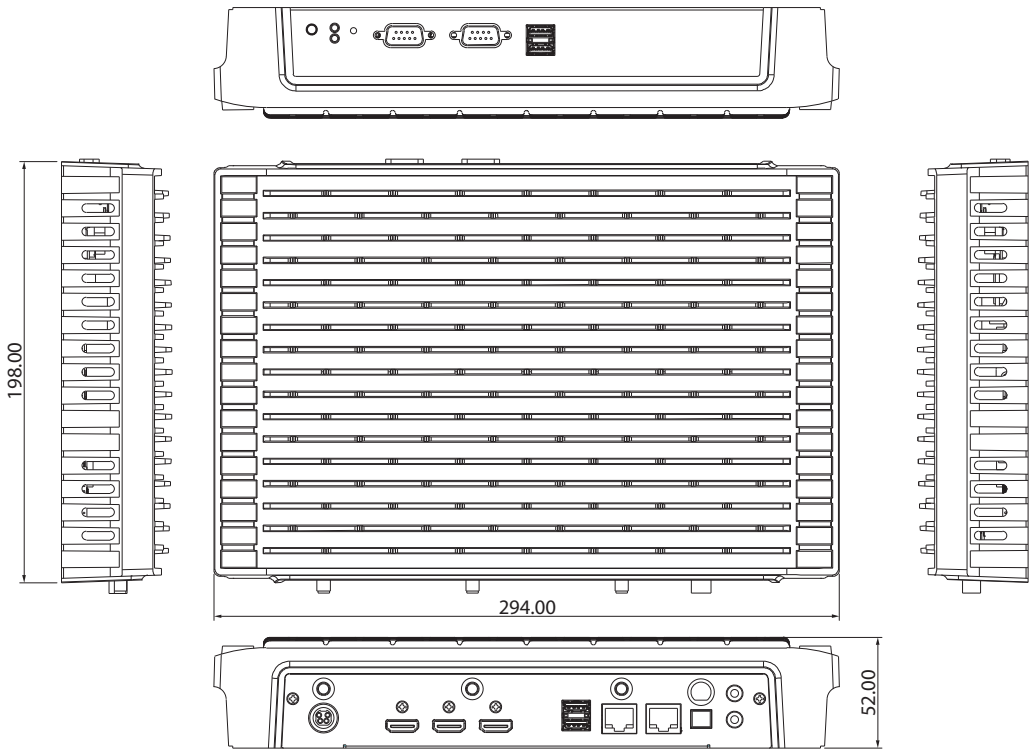
Construction
- Top cover made by aluminum for main heat exchange
- Chassis made by steel in black

Dimensions
- 294mm (W) x 198mm (D) x 52mm(H) (11.6" x 7.8" x 2.0") w/o

Power Supply
- 1 x External 96W AC/DC adapter
  Input: 100 ~ 240VAC
  Output: +12VDC

Environment
- Operating temperature: 0°C to 40°C
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

Dimension Drawing



Certification
- CE approval
- FCC Class A

Operating System
- Win7/Win8/XP/WES7/WE8S/WES2009/Linux

Ordering Information

- **NDiS B532 (P/N: 10W00B53200X0)**
  3rd generation Intel® Core™ processor (up to 35W) fanless system, Intel® QM77 chipset
- **NDiS-WALL Mount Kit For NDiS B532/B533/B535 (P/N: 10W00NDIS00X0)**

NDiS B533

Fanless Embedded Computer Powered by 4th Gen. Intel® Core™ Processor, Support Dual Full HD Video Playback

Main Features

- 4th Generation Intel® Core™ processor
- Intel® integrated HD 4600 graphic engine
- Compact and Slim Design
- 3 Independent display
- USB 3.0, Dual GbE LAN support
- WLAN/TV tuner support
- DirectX® 11.1 support

Product Overview

NDiS B533 is a powerful digital signage player which is built around the superb technology of 4th generation Intel® Core™ processor family series and Q87 integrated graphics controller. The digital signage player can offer impressive system performance and full HD videos. With support for smooth 1080P video playback on three independent displays, the 1080P signage player can fully satisfy customer's expectation and therefore be used in applications such as advertising, hospitality, brand promotion and digital menu board.

Specifications

CPU Support

- 4th generation Intel® Core™ LGA socket type processor

Chipset

- Intel® Q87
- Intel® integrated HD4600 graphic engine

Main Memory

- 2 x 204-pin SO-DIMM sockets , Supports DDR3 1600/1333MHz non-ECC, un-buffered memory up to 16GB (single socket max. 8GB)

I/O Interface-Front

- 1 x Power status LED
- 1 x HDD status LED
- 1 x Power switch
- 1 x Reset switch
- 2 x USB 3.0
- 2 x DB9 for RS-232

I/O Interface-Rear

- +12V DC-in
- 3 x HDMI
- 2 x USB 3.0
- 2 x RJ45 with LED for 10/100/1000Mbs Ethernet
- 1 x SPDIF
- 1 x Line-in/1x Line-out
- 3 x antenna hole for Wi-Fi and TV tuner

Storage

- 1 x SATA 2.5" HDD
- 1 x SATA DOM

Expansion

- 1 x mini-PCIe for optional WLAN module
- 1 x mini-PCIe for optional TV tuner module

Data Protection

- 1 x Wafer on board for TPM module (ver. 1.2), support Intel® Trusted Execution Technology

Construction

- Top cover made by aluminum for main heat exchange
- Chassis made by steel in black

Dimensions

- 294mm (W) x 198mm (D) x 52mm(H) (11.6" x 7.8" x 2.0")

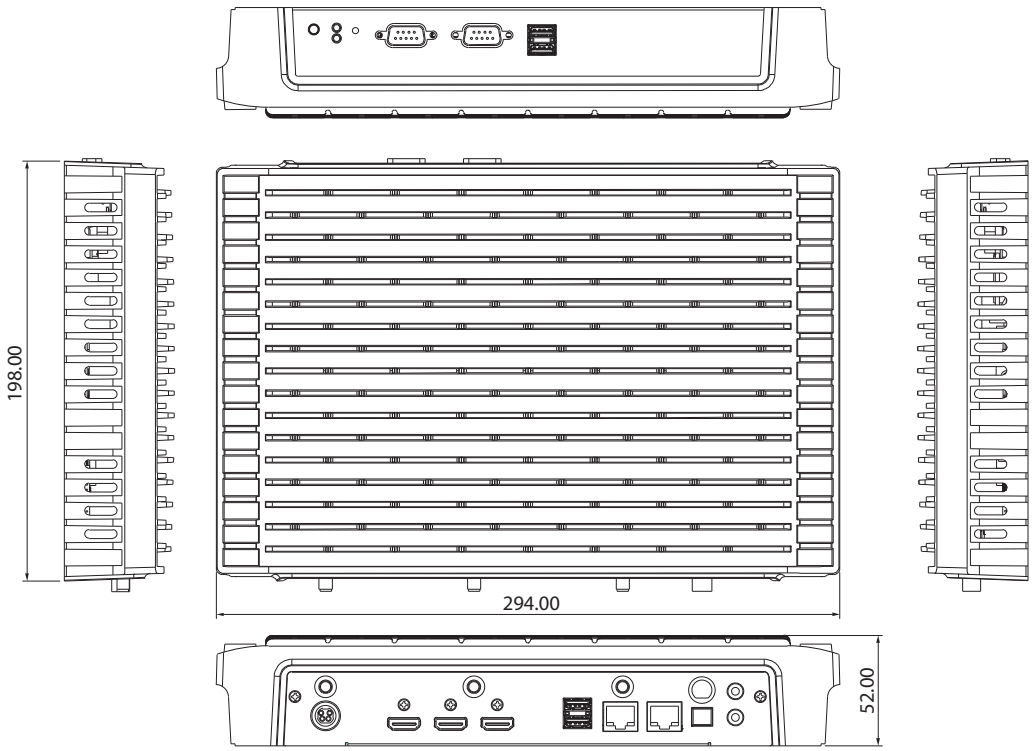
Power Supply

- 1 x External 80W AC/DC adapter
  Input: 100 ~ 240VAC
  Output: +12VDC

Environment

- Operating temperature: 0°C to 40°C
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

Dimension Drawing



Certification
- CE approval
- FCC Class A

Operating System
- Win7/Win8/Win10

Ordering Information

- **NDiS B533 (P/N: 10W00B53300X0)**
  4th generation Intel® Core™ processor (up to 35W) fanless system, Intel® Q87 chipset
- **NDiS B533F (P/N: 10W00B53301X0)**
  4th generation Intel® Core™ processor (up to 45W) system, Intel® Q87 chipset
- **NDiS-WALL Mount Kit For NDiS B532/B533/B535 (P/N: 10W00NDIS00X0)**

NDiS B535

Fanless Embedded Computer Powered by
6th Generation Intel® Core™ Processor, Support 4K2K Video Playback

Microsoft Azure Certified

Main Features

- 6th Generation Intel® Core™ processor
- Intel® integrated HD 530 graphic engine
- Support 3 independent 4K2K 60Hz video out
- USB3.0 x 6, RS-232 x 4, Dual GbE LAN support
- NGFF type storage and WLAN support
- DirectX® 12 support
- Fan less design

Product Overview

NDiS B535 is a powerful digital signage player which is built around the superb technology of 6th generation Intel® Core™ processor family series and Intel® 100 Series chipset integrated graphics controller. The digital signage player can offer impressive system performance and full HD videos. With support for 4K2K video playback on three independent displays, the 4K2K signage player can fully satisfy customer's expectation and therefore be used in applications such as advertising, hospitality, brand promotion and digital menu board.

Specifications

CPU Support
- 6th generation Intel® Core™ LGA socket type processor

Chipset
- Intel® 100 Series chipset
- Intel® integrated HD 530 graphic engine

Main Memory
- 2 x 260-pin SO-DIMM Sockets, Supports DDR4 1866/2133 MHz non-ECC, un-buffered memory up to 32G (Single socket max. 16GB)

I/O Interface-Front
- 1 x Power status LED
- 1 x HDD status LED
- 1 x Power switch
- 1 x Reset switch
- 2 x USB3.0
- 4 x DB9 for RS-232

I/O Interface-Rear
- +12V DC-in
- 3 x HDMI 2.0
- 4 x USB3.0
- 2 x RJ45 with LED for 10/100/1000Mbs Ethernet I219 LAN supports IAMT and PXE.
- 1 x Min-in/1x Line-out
- 3 x Antenna hole for Wi-Fi and TV tuner

Storage
- 1 x SATA 2.5" HDD/SSD
- 1 x NGFF (M.2) SSD card slot (support 22x42, 22x80)

Expansion
- 1 x mini-PCIe for optional WLAN/TV tuner module
- 1 x NGFF (M.2) E key for optional WLAN
- 1 x SIM Slot

Construction
- Top cover made by aluminum for main heat exchange
- Chassis made by steel in black

Dimensions
- 294mm (W) x 198mm(D) x 52mm (H) (11.6" x 7.8" x 2.0")

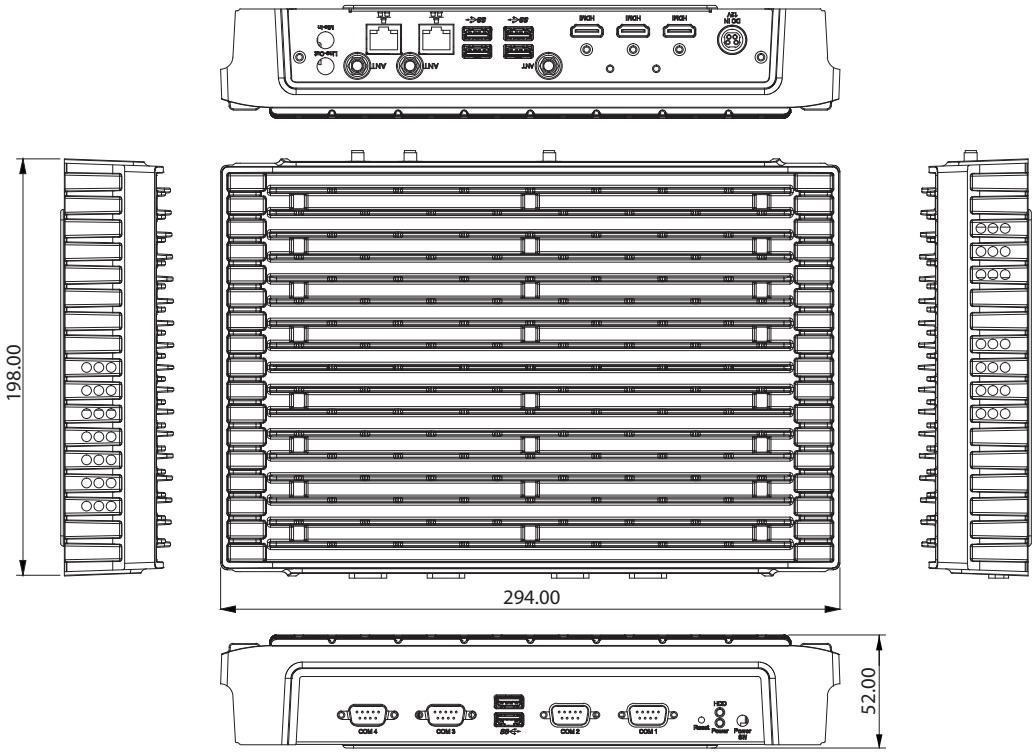
Power Supply
- 1 x External 96W AC/DC adapter
  Input: 100~240VAC
  Output: +12VDC

Environment
- Operating temperature: 0°C to 40°C
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

Certification
- CE/FCC Class A

Operating System
- Win7 (32/64bit)/Win8.1 (64bit)/Win10 (64bit)

Dimension Drawing



Ordering Information

- **NDiS B535 (P/N: 10W00B53500X0)**
  6th generation Intel® Core™ processor (up to 35W) fanless system, Intel® 100 Series chipset
- **NDiS-WALL Mount Kit For NDiS B532/B533/B535 (P/N: 10W00NDIS00X0)**

NDiS B842

Multi-Display Embedded Computer Powered by AMD R-series Dual/ Quad Processors, Support 4 Independent HDMI Displays

Main Features

- AMD R-series platform
- AMD Radeon™ E6760 GPU
- Slim and compact design
- 4 x HDMI
- 2 x USB 3.0 support
- WLAN and TV tuner support
- DirectX® 11 support
- Removable fan module

Product Overview

NDiS B842 is specifically designed to address the need for application to present high quality contents on multiple displays. NDiS B842 provides six independent HDMI and dual USB 3.0 and dual GbE Ethernet with optional WLAN. Powered by AMD Embedded R-Series APU and AMD E6760 GPU, NDiS B842 can smoothly playback multiple Full HD videos. NDiS B842 is an advanced media player for any applications to demonstrate high quality and high impact contents over multiple displays.

Specifications

CPU Support
- AMD R-series Dual/Quad processors

Chipset
- AMD Hudson-M3 A70M Fusion Controller Hub
- AMD Radeon™ E6760 GPU

Main Memory
- 2 x 204-pin SO-DIMM sockets, Supports DDR3 1600/1333MHz non-ECC, un-buffered memory up to 16GB (single socket max. 8GB)

I/O Interface-Front
- 1 x HDD LED
- 1 x Power LED

I/O Interface-Rear
- +12V DC-in
- 2 x RJ45 for RS-232
- 2 x USB 3.0
- 2 x USB 2.0
- 2 x RJ45 with LEDs for 10/100/1000Mbps Ethernet
- 1 x Line-in, 1 x Line-out
- 1 x SPDIF
- 4 x HDMI
- 3 x Antenna hole for Wi-Fi and TV tuner
- 1 x Power switch with LED
- 1 x Reset switch

Storage
- 1 x SATA 2.5" HDD
- 1 x SATA DOM

Expansion
- 1 x mini-PCIe for optional WLAN module
- 1 x mini-PCIe for optional TV tuner module

Dimensions
- 280mm (W) x 230mm (D) x 44mm (H) (11.0" x9.0" x 1.7") w/o mounting bracket

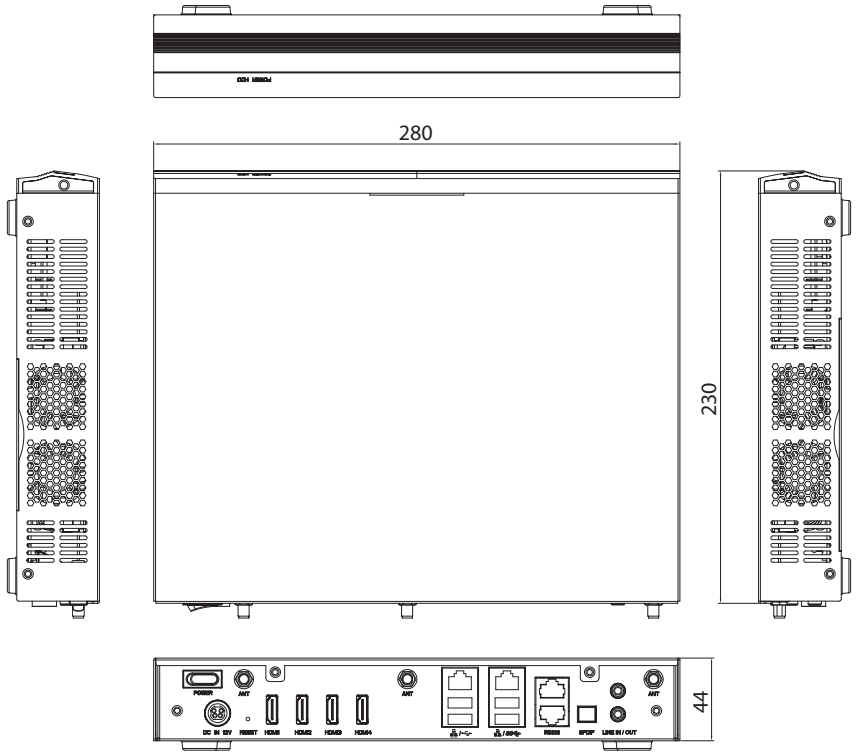
Power Supply
- External 120W AC/DC adapter
  Input: 100 ~ 240VAC
  Output: +12VDC

Environment
- Operating temperature: ambient with air flow from 0°C to 40°C
- Stroage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

Certification
- CE approval
- FCC Class A

Operating System
- Win7/WES7/Win8/WE8S/Linux

Dimension Drawing



Ordering Information

- **NDiS B842 (P/N: 10W00B84200X0)**
  AMD R-series Dual/Quad processors, AMD Hudson-M3 A70M chipset
  AMD Radeon™ E6760 GPU

NDiS B862

Multi-Display Embedded Computer
Powered by AMD R-series Dual/Quad Processors

Main Features

- AMD R-series platform
- AMD Radeon™ E6760 GPU
- Slim and compact design
- 6 x HDMI
- 2 x USB 3.0 support
- WLAN and TV tuner support
- DirectX® 11 support
- Removable fan module

Product Overview

NDiS B862 is specifically designed to address the need for application to present high quality contents on multiple displays. NDiS N862 provides six independent HDMI and dual USB 3.0 and dual GbE Ethernet with optional WLAN. Powered by AMD Embedded R-Series APU and AMD E6760 GPU, NDiS B862 can smoothly playback multiple Full HD videos. NDiS B862 is an advanced media player for any applications to demonstrate high quality and high impact contents over multiple displays.

Specifications

CPU Support
- AMD R-series Dual/Quad processors

Chipset
- AMD Hudson-M3 A70M Fusion Controller Hub
- AMD Radeon™ E6760 GPU

Main Memory
- 2 x 204-pin SO-DIMM sockets, Supports DDR3 1600/1333MHz non-ECC, un-buffered memory up to 16GB (single socket max. 8GB)

I/O Interface-Front
- 1 x HDD LED
- 1 x Power LED

I/O Interface-Rear
- +12V DC-in
- 2 x RJ45 for RS-232
- 2 x USB 3.0
- 2 x USB 2.0
- 2 x RJ45 with LEDs for 10/100/1000Mbps Ethernet
- 1 x Line-in, 1 x Line-out
- 1 x SPDIF
- 6 x HDMI
- 3 x Antenna hole for Wi-Fi and TV tuner
- 1 x Power switch with LED
- 1 x Reset switch

Storage
- 1 x SATA 2.5" HDD
- 1 x SATA DOM

Expansion
- 1 x mini-PCIe for optional WLAN module
- 1 x mini-PCIe for optional TV tuner module

Dimensions
- 280mm (W) x 230mm (D) x 44mm (H) (11.0" x 9.0" x 1.7") w/o mounting bracket

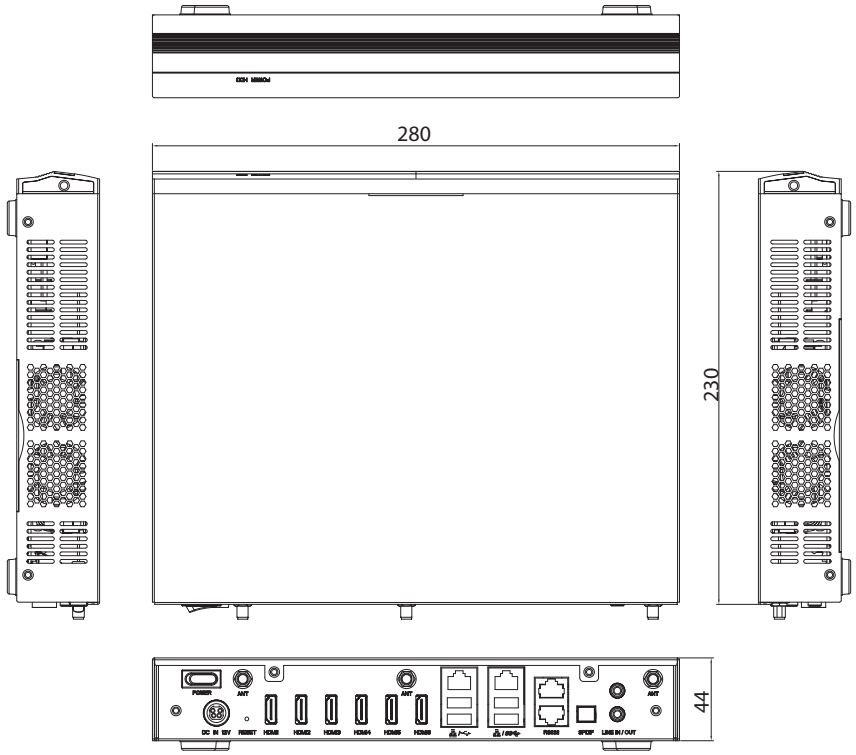
Power Supply
- External 120W AC/DC adapter
- Input: 100 ~ 240VAC
- Output: +12VDC

Environment
- Operating temperature: ambient with air flow from 0°C to 40°C
- Stroage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

Certification
- CE approval
- FCC Class A

Operating System
- Win7/WES7/Win8/WE8S/Linux

Dimension Drawing



Ordering Information

- **NDiS B862 (P/N: 10W00B86200X0)**
  AMD R-series Dual/Quad processors, AMD Hudson-M3 A70M chipset
  AMD Radeon™ E6760 GPU

NDiS B866

Multi-display Embedded Computer Powered by 6th Gen. Intel® Core™ Processor with Discrete AMD Radeon™ E8870 GPU

Coming Soon

Main Features

- 6th Generation Intel® Core™ Processor
- AMD Radeon™ E8870 Embedded GPU
- 6 x HDMI Output (1080p Resolution Support)
- Compact 1U Chassis Design
- Removable Dual HDD Tray Supporting RAID 0, 1

Product Overview

NDiS B866 is specifically designed to address the need for application to present high quality contents on video wall, central control room, and multi-display applications. NDiS N866 provides 6 independent HDMI and 6 x USB3.0 and dual GbE Ethernet with optional WLAN. Powered by the 6th generation Intel® Core™ processor and discrete AMD E8870 GPU, NDiS B866 can smoothly playback multiple 4K video clips. NDiS B866 is an advanced media player for any applications to demonstrate high quality and high impact contents over multiple displays.

Specifications

CPU Support
- 6th Generation Intel® Core™ LGA Socket Type Processor (Up To 65W)

Chipset
- Intel® PCH Q170

Graphics
- AMD Radeon™ E8870 Embedded GPU

Main Memory
- 4 x 260-pin SO-DIMM socket, supports DDR4 1866/2133 MHz non-ECC, un-buffered memory up to 64GB

I/O Interface-Front
- 1 x Power Switch with LED (Blue)
- 1 x HDD LED (Red)/Power LED (Green)
- 2 x USB3.0
- 2 x DB9 for RS-232
- 1 x HDMI Input Port (Optional)
- 1 x Reset Onboard Push Button
- 6 x 2 HDMI Plug Status LED (Green Plugged, Red Unplugged)

I/O Interface-Rear
- 1 x Line-out
- 1 x MIC-in
- 1 x SPDIF
- 4 x USB3.0
- 2 x RJ45 with LEDs 10/100/1000Mbps Ethernet
- 6 x HDMI 2.0
- 1 x AC power inlet
- 3 x Antenna Hole for Wi-Fi or TV tuner

Storage
- 2 x SATA 2.5" HDD
- 2 x NGFF (M key), support 2242,2280

Expansion
- 1 x mini-PCIe slot (full size)
- 1 x NGFF (E key), support 1630/2230 for optional WLAN
- 2 x SIM Slot

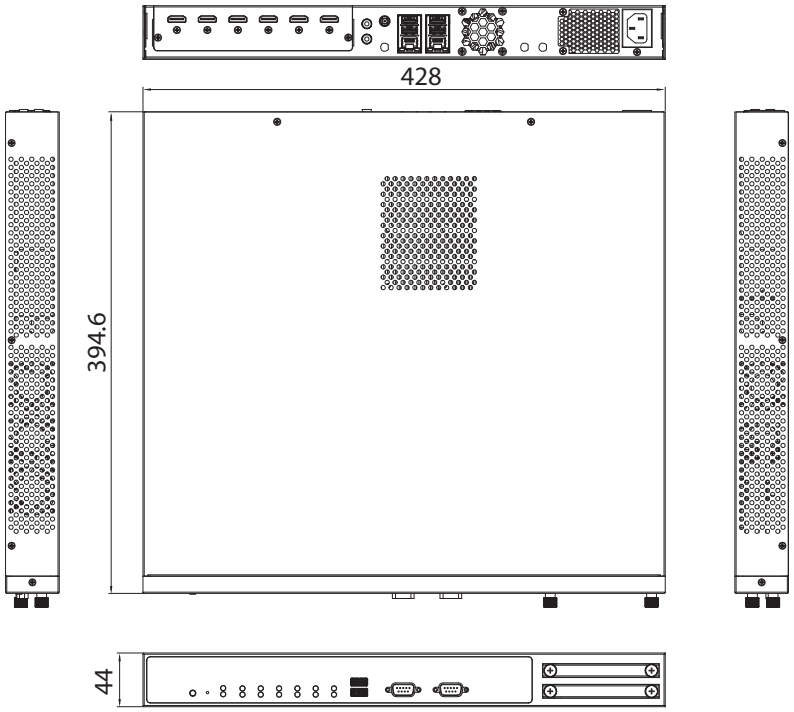
Dimensions
- 428mm (W) x 394mm (D) x 44mm (H)

Power Supply
- 1 x Internal 250W power supply with active PFC (power factor correction), input: 115VAC ~ 230VAC

Environment
- Operating temperature: 0°C to 40°C
- Storage temperature: -40°C to 80°C
- Humidity: 10 to 95% (non-condensing)

Operating System Support
- Win10/Linux

Dimension Drawing



Certification

- CE approval
- FCC Class A

Ordering Information

- **NDiS B866 (P/N: 10W00B86600X0)**
  6 HDMI Ports Multi-Display Embedded Computer

NDiS B8C6

Multi-display Embedded Computer Powered by 6th Gen. Intel® Core™ Processor with Discrete AMD Radeon™ E8870 GPU

Coming Soon

Main Features

- 6th Generation Intel® Core™ Processor
- AMD Radeon™ E8870 Embedded GPU
- 12 x HDMI Output (1080p Resolution Support)
- Compact 1U Chassis Design
- Removable Dual HDD Tray Supporting RAID 0, 1

Product Overview

NDiS B8C6 is specifically designed to address the need for application to present high quality contents on video wall, central control room, and multi-display applications. NDiS N8C6 provides 12 independent HDMI and 6 x USB3.0 and dual GbE Ethernet with optional WLAN. Powered by the 6th generation Intel® Core™ processor and discrete AMD E8870 GPU, NDiS B8C6 can smoothly playback multiple 4K video clips. NDiS B8C6 is an advanced media player for any applications to demonstrate high quality and high impact contents over multiple displays.

Specifications

CPU Support
- 6th Generation Intel® Core™ LGA Socket Type Processor (Up To 65W)

Chipset
- Intel® PCH Q170

Graphics
- AMD Radeon™ E8870 Embedded GPU

Main Memory
- 4 x 260-pin SO-DIMM socket, supports DDR4 1866/2133 MHz non-ECC, un-buffered memory up to 64GB

I/O Interface-Front
- 1 x Power Switch with LED (Blue)
- 1 x HDD LED (Red)/Power LED (Green)
- 2 x USB3.0
- 2 x DB9 for RS-232
- 1 x HDMI Input Port (Optional)
- 1 x Reset Onboard Push Button
- 6 x 2 HDMI Plug Status LED (Green Plugged, Red Unplugged)

I/O Interface-Rear
- 1 x Line-out
- 1 x MIC-in
- 1 x SPDIF
- 4 x USB3.0
- 2 x RJ45 with LEDs 10/100/1000Mbps Ethernet
- 12 x HDMI 1.3
- 1 x AC power inlet
- 3 x Antenna Hole for Wi-Fi or TV tuner

Storage
- 2 x SATA 2.5" HDD
- 2 x NGFF (M key), support 2242,2280

Expansion
- 1 x mini-PCIe slot (full size)
- 1 x NGFF (E key), support 1630/2230 for optional WLAN
- 2 x SIM Slot

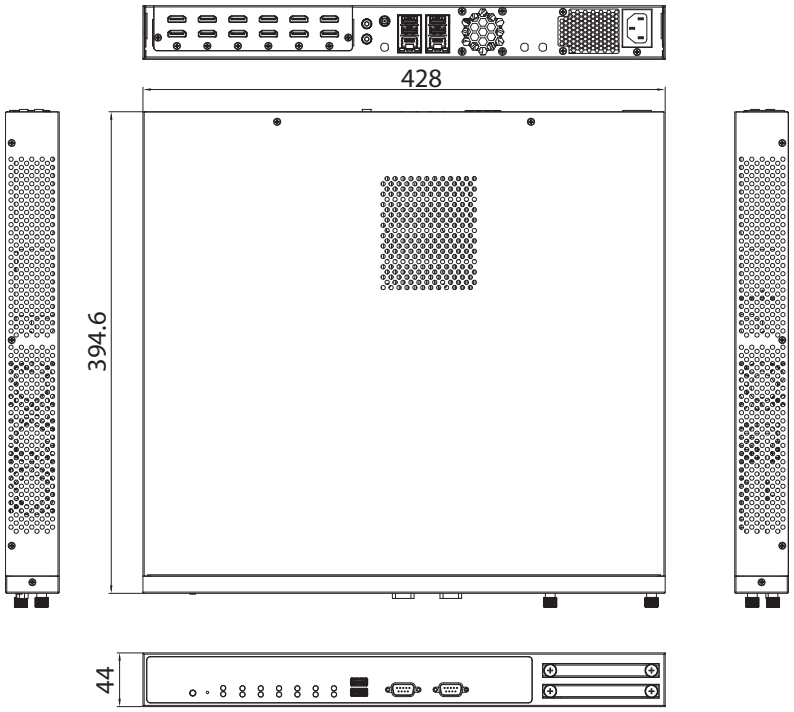
Dimensions
- 428mm (W) x 394mm (D) x 44mm (H)

Power Supply
- 1 x Internal 250W power supply with active PFC (power factor correction), input: 115VAC ~ 230VAC

Environment
- Operating temperature: 0°C to 40°C
- Storage temperature: -40°C to 80°C
- Humidity: 10 to 95% (non-condensing)

Operating System Support
- Win10/Linux

Dimension Drawing



Certification

- CE approval
- FCC Class A

Ordering Information

- **NDiS B8C6 (P/N: 10W00B8C600X0)**
  12 HDMI Ports Multi-Display Embedded Computer

NDiS M324

Embedded Computer Powered by Intel® Celeron® Processor J1900
OPS Digital Signage Platform, Support Remote Management

Main Features

- Intel® Celeron™ processor J1900
- Integrated Intel® Gen. 7 graphics
- Dual SO-DIMM slots for up to 8GB of DDR3L 1333 memory
- WWAN/WLAN/TV tuner support
- Remote management
- Comply with Open Pluggable Specification
- Fanless design

Product Overview

NDiS M324 is based on Intel® Celeron® Processor J1900 (formerly codenamed "Bay Trail") and follows the electrical and mechanical specifications of the Open Pluggable Specification. NDiS M324 can be plugged into any OPS-complaint display devices to render rich multimedia contents. Thanks to the modular and cable-less, NDiS M324 satisfies the need for quick deployment and hassle-free maintenance of large digital signage network dispersed in different geographical locations. NDiS M324 is powered by the Intel® Celeron® Processor J1900. The digital signage player has an integrated Intel® Gen.7 graphic engine and supports Microsoft DirectX 11. Taking advantage of the latest Intel® technology, NDiS M324 can accelerate, 3D rendering, image processing and video decoding to provide highly personalized information base on the result of audience measurement to deliver accurate marketing message to target audience.

Specifications

CPU Support

- Intel® Celeron® Processor J1900 Quad Core 2.0GHz SoC processor

Graphic

- Integrated Intel® Gen. 7 graphics

Main Memory

- 2 x 204-pin SO-DIMM socket, support DDR3L 1333 MHz with un-buffered and non-ECC SDRAM up to 8GB

I/O Interface-Front

- 1 x Power button
- 1 x reset button
- 1 x HDD LED
- 3 x USB 3.0
- 1 x USB 2.0
- 1 x HDMI
- 1 x Mic-in
- 1 x Line-out
- 1 x 2.5" HDD slot
- 1 x RJ45 with LEDs for Gigabit LAN
- 2 x Antenna hole

I/O Interface-Rear

- 1 x TMDS
- 1 x UART
- 1 x Audio out L/R
- 2 x USB 2.0
- 1 x USB 3.0
- DC input 12V ~ 19V
- Control signals (PWR_STATUS, PS_ON#, PB_DET, CEC, SYS_FAN)

Storage Device

- 1 x 2.5" SATA Storage Bay for HDD/SSD

Expansion

- 1 x mini-PCI for optional WLAN/TV tuner module
- 1 x SIM slot

Dimensions

- 200mm (W) x 119mm (D) x 30mm (H) (7.8" x 4.7" x 1.1")

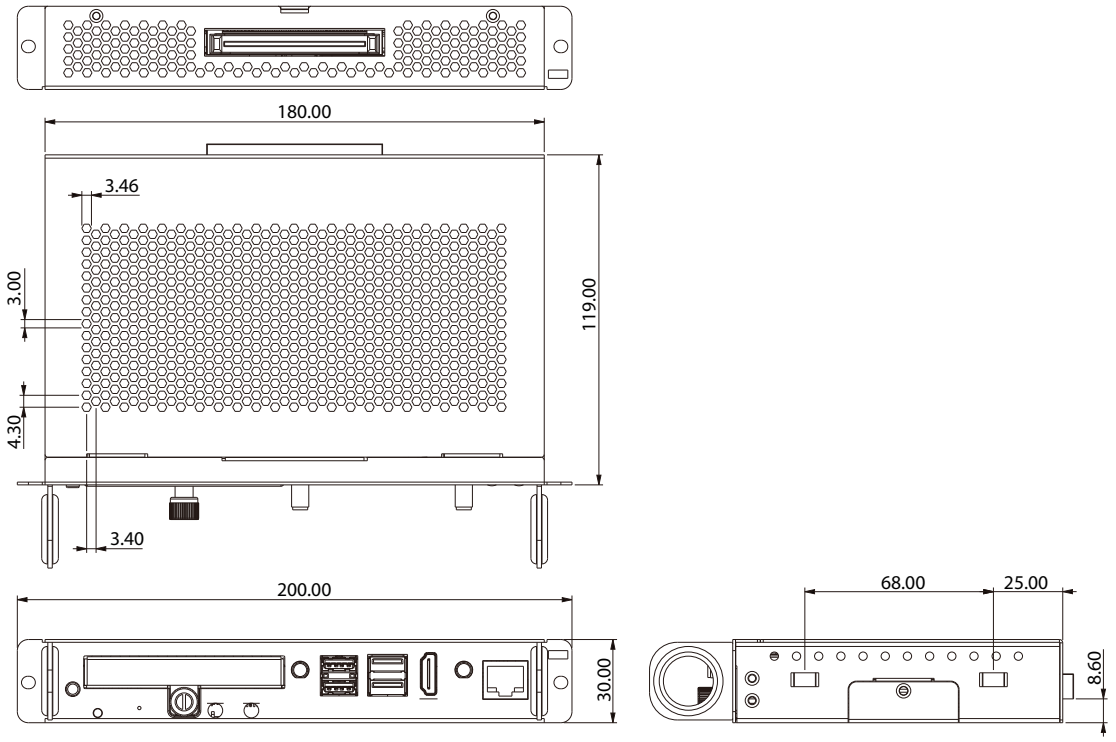
Power Power Supply

- DC power input +12V ~ +19V

Environment

- Operating temperature:
  Ambient with air flow from 0°C to 45°C (with HDD)
  Ambient with air flow from 0°C to 45°C (with SSD)
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

Dimension Drawing



Certification

- CE approval
- FCC Class A

Operating System

- Win7/Win8/Win10/WES7/WE8S/Linux

Ordering Information

- **NDiS M324 (P/N: 10W00M32400X0)**
  Intel® Celeron® J1900 processor SoC OPS

NDiS M335

Embedded Computer Power by Intel® Celeron® N3150
OPS Digital Signage Platform, Support Remote Management

Main Features

- Intel® Celeron® Processor N3150
- Integrated Intel® HD graphics
- Support 4K2K video out
- Dual SO-DIMM slots for up to 8GB of DDR3L 1600 memory
- WWAN/WLAN/TV Tuner support
- 2.5" HDD/SSD and NGFF dual storage
- Remote management (DASH)

Product Overview

NDiS M335 OPS player, which follows the electrical and mechanical specifications of the Open Pluggable Specification, is based on Intel® Celeron® Processor N3150 (formerly condenamed "Braswell". NDiS M335 can be plugged into any OPS-complaint display devices to render rich multimedia contents. Thanks to the modular and cable-less, NDiS M335 OPS player satisfies the need for quick deployment and hassle-free maintenance of large digital signage network dispersed in different geographical locations.

Powered by future generation Intel® processor, the NDiS M335 OPS player with integrated new Intel® graphic engine can support 4K2K and Microsoft DirectX 11.1. Taking advantage of the latest Intel® technology, NDiS M335 can accelerate 3D rendering, image processing and video decoding to provide targeted audience highly personalized information base on the result of audience measurement to deliver accurate marketing messages.

Specifications

CPU Support

- Intel® Celeron® Processor N3150 Quad Core 1.6GHz SoC processor

Graphic

- Integrated Intel® HD graphics

Main Memory

- 2 x 204 pin SO-DIMM socket, support DDR3L 1600MHz with un-buffered and non-ECC SDRAM up to 8GB

I/O Interface-Front

- 1 x Power button
- 1 x Reset button
- 1 x HDD LED
- 2 x USB3.0
- 2 x USB2.0
- 2 x HDMI (HDMI2 support 4K2K output)
- 1 x Mic-in
- 1 x Line-out
- 1 x 2.5" HDD/SSD slot
- 1 x RJ45 with LEDs for Gigabit LAN
- 2 x antenna hole

I/O Interface-Rear

- 1 x TMDS
- 1 x Audio out L/R
- 2 x USB2.0
- 1 x USB3.0
- DC input +12V~+19V
- Control signals (PWR_STATUS, PS_ON#, PB_DET, CEC, SYS_FAN)

Storage Device

- 1 x 2.5" SATA storage bay for HDD/SSD
- 1 x NGFF(M2) B key slot, support 2242 SSD, SATA interface

Expansion

- 1 x mini-PCIe for optional WWAN/WLAN/TV tuner module
- 1 x SIM slot

Dimensions

- 200mm (W) x 119mm (D) x 30mm (H) (7.8" x 4.7" x 1.1")

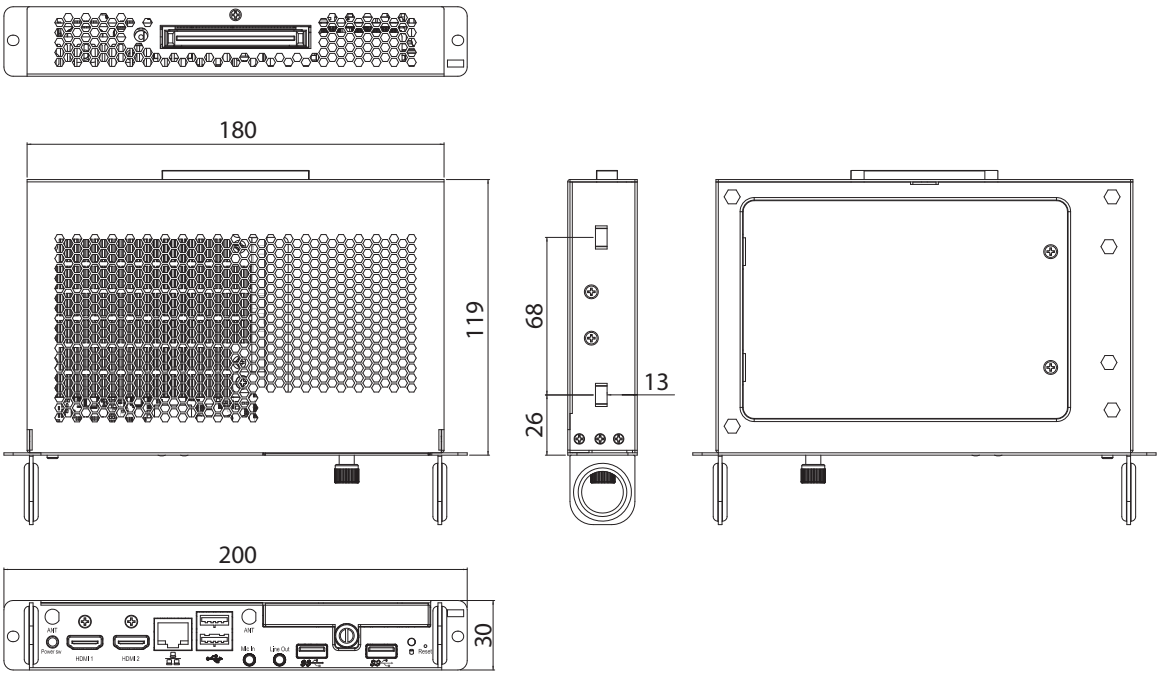
Power Power Supply

- 1 x DC power input +12v ~ +19V

Environment

- Operating temperature:
  Ambient with air flow from 0°C ~ 45°C
- Storage temperature: -20°C ~ 80°C
- Humidity: 10 to 90% (non-condensing)

Dimension Drawing



Certification
- CE approval
- FCC Class A

Operating System
- Win 7/WES7/Win8.1(64bit)/Win10/WE8S/Linux

Ordering Information

- **NDiS M335 (P/N: 10W00M33500X0)**
  Intel® Celeron® N3150 processor SoC OPS

NDiS M422

AMD Embedded G Series -Based OPS Digital Signage Platform

Main Features

- AMD G Series T56N 1.65GHz Dual-Core APU
- Integrated AMD Radeon™ HD6320
- Designed compliant with open pluggable standard
- Low power consumption
- Easy maintenance and upgrade
- TV tuner/WLAN support
- DirectX® 11 Support

Product Overview

NDiS M422 is specifically designed to be compliant with OPS (Open Pluggable Standard). NDiS M422 provides pluggable 2.5" storage device scalability, easy to change DRAM and expand modules by Mini Card. NDiS M422 is powered by AMD G Series T56N 1.65GHz Dual-Core APU with high graphic performance and low power consumption. NDiS M422 is a powerful media player for digital signage applications demonstrate high impact contents in compact size and perfect match with panel.

Specifications

CPU Support

- AMD G-series Dual-Core Processor T56N 1.65GHz Onboard

Chipset

- AMD A50M Fusion Controller Hub

Graphic

- AMD Radeon™ HD6320

Main Memory

- 1 x 204-pin SO-DIMM socket, support DDR3 1333MHz with un-buffered and non-ECC SDRAM up to 8GB

I/O Interface-Front

- 1 x Power button
- 1 x Power LED
- 1 x Reset button
- 1 x HDD LED
- 2 x USB 2.0
- 1 x HDMI
- 1 x Audio Line-in
- 1 x Audio Line-out
- 1 x RJ45 with LEDs for Gigabit LAN
- 1 x RJ45 for RS-232
- 1 x 2.5" HDD slot
- 1 x Antenna hole

I/O Interface-Rear

- 1 x TMDS
- 1 x UART
- 1 x Audio out L/R
- 3 x USB 2.0
- DC input +12V ~ +19V
- Control signals (PWR_STATUS, PS_ON#, PB_DET, CEC, SYS_FAN)

Storage Device

- 1 x 2.5" SATA Storage Bay for HDD/SSD

Expansion

- 1 x mini-PCIe for optional WLAN/TV tuner module

Dimensions

- 200mm (W) x 119mm (D) x 30mm (H) (7.8" x 4.7" x 1.1")

Power Power Supply

- DC power input +12V ~ 19V

Environment

- Operating temperature: ambient with air flow from 0°C to 45°C
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

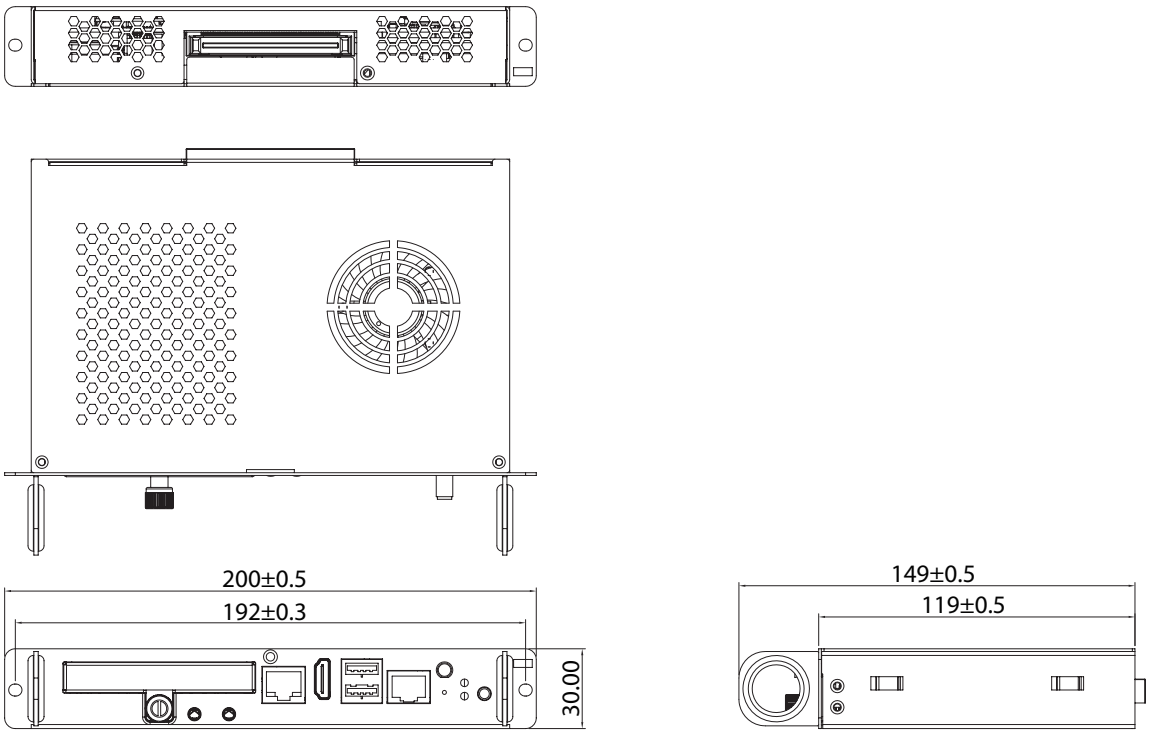
Certification

- CE approval
- FCC Class A

Operating System

- Win7/Win8/XP/WES7/WE8S/WES2009/Linux

Dimension Drawing



Ordering Information

- **NDiS M422 (P/N: 10W00M42200X0)**
  AMD G-series Dual-Core Processor T56N 1.65GHz Onboard Support, AMD A50M Fusion Controller Hub

NDiS M532

Embedded Computer Powered by 3rd Gen. Intel® Core™ Processor, Based OPS Digital Signage Platform

Main Features

- 3rd generation Intel® Core™ processor
- Intel® integrated HD 4000 graphic engine
- Compact and slim design
- Easy maintenance and upgrade
- USB 3.0, dual GbE LAN support
- WLAN/TV tuner support
- DirectX® 11 support

Product Overview

NDiS M532 is an OPS-compliant media player powered by 3rd generation Intel® Core™ processors. Following open pluggable standard, NDiS M532 can perfectly fit into a myriad of OPS-panels and is compact in size. Yet, NDiS M532 has high scalability, allowing for easy storage capacity expansion through pluggable 2.5" storage unit and effortless functional extension through Mini Card expansion modules. Changing system memory is also made simple. In addition, NDiS M532 leverages the 3rd generation Intel® Core™ processors to deliver outstanding graphics whilst limiting the power usage. The superb but power-efficient NDiS M532 can therefore maximize visual impacts for digital signage applications.

Specifications

CPU Support
- 3rd generation Intel® Core™ rPGA socket type processor

Chipset
- Intel® QM77

Graphic
- Intel® integrated HD4000

Main Memory
- 1 x 204 pin SO-DIMM socket, support DDR3 1600 MHz with un-buffered and non-ECC SDRAM up to 8GB

I/O Interface-Front
- 1 x Power button
- 1 x Reset button
- 1 x HDD LED
- 2 x USB 3.0
- 1 x HDMI
- 1 x Audio Mic-in
- 1 x Audio Line-out
- 2 x RJ45 with LEDs for Gigabit LAN
- 1 x 2.5" HDD slot
- 2 x Antenna hole

I/O Interface-Rear
- 1 x TMDS
- 1 x DP
- 1 x UART
- 1 x Audio out L/R
- 2 x USB 2.0
- 1 x USB 3.0
- DC input +12V ~ +19V
- Control signals (PWR_STATUS, PS_ON#, PB_DET, CEC, SYS_FAN)

Storage Device
- 1 x 2.5" SATA storage bay for HDD/SSD

Expansion
- 1 x mini-PCIe for optional WLAN/TV tuner module

Dimensions
- 200mm (W) x 119mm (D) x 30mm (H) (7.8" x 4.7" x 1.1")

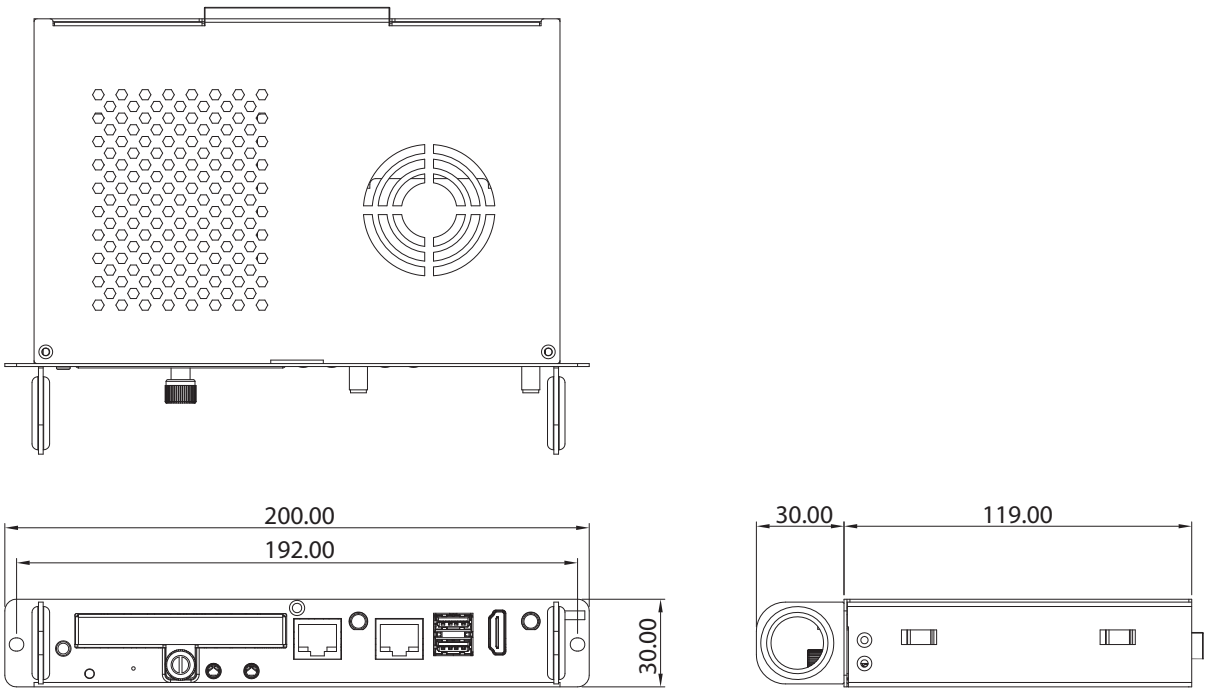
Power Power Supply
- DC power input +12V ~ 19V

Environment
- Operating temperature: ambient with air flow from 0°C to 45°C
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

Certification
- CE approval
- FCC Class A

Operating System
- Win7/Win8/XP/WES7/WE8S/WES2009/Linux

Dimension Drawing



Ordering Information

- **NDiS M532 (P/N: 10W00M53200X0)**
  3rd generation Intel® Core™ processor (up to 35W) OPS digital signage platform, Intel® QM77 chipset

NDiS M533

Embedded Computer Powered by 4th Gen. Intel® Core™ Processor
OPS-based Digital Signage Platform, Support 4K Resolution

Main Features

- 4th generation Intel® Core™ i3/i5/i7 processor family
- Intel® HD Graphics with DirectX® 11.1 support
- Dual DDR3L SO-DIMM support
- WWAN/WLAN/TV Tuner support
- Support for Intel® AMT9.0
- 4K resolution support

Product Overview

NDiS M533 is an OPS-compliant media player powered by 4th generation Intel® Core™ processors. Following open pluggable standard, NDiS M533 can perfectly fit into a myriad of OPS-panels and is compact in size. Yet, NDiS M533 has high scalability, allowing for easy storage capacity expansion through pluggable 2.5" storage unit and effortless functional extension through Mini Card expansion modules. Changing system memory is also made simple. In addition, NDiS M533 leverages the 4th generation Intel® Core™ processors to deliver outstanding graphics whilst limiting the power usage. The superb but power-efficient NDiS M533 can therefore maximize visual impacts for digital signage applications.

Specifications

CPU Support

- 4th generation Intel® Core™ i3-4100E BGA type processor
- 4th generation Intel® Core™ i5-4400E BGA type processor
- 4th generation Intel® Core™ i7-4700EQ BGA type processor

Chipset

- Intel® QM87

Graphic

- Intel® integrated HD 4600

Main Memory

- 2 x 204-pin SO-DIMM socket, support DDR3L 1600 MHz with un-buffered and non-ECC SDRAM up to 16GB

I/O Interface-Front

- 1 x Power button
- 1 x Reset button
- 1 x HDD LED
- 4 x USB 3.0
- 1 x HDMI (for NDiS M533)
- 1 x Display Port (for NDiS M533-D)
- 1 x Mic-in/Line-out
- 1 x 2.5" HDD slot
- 1 x RJ45 with LEDs for Gigabit LAN
- 1 x RJ45 for RS-232
- 2 x Antenna hole

I/O Interface-Rear

- 1 x TMDS
- 1 x Display Port
- 1 x UART
- 1 x Audio out L/R
- 2 x USB 2.0
- 1 x USB 3.0
- DC input +12V ~ +19V
- Control signals (PWR_STATUS, PS_ON#, PB_DET, CEC, SYS_FAN)

Storage Device

- 1 x 2.5" SATA storage bay for HDD/SSD

Expansion

- 1 x mini-PCIe for optional WLAN/TV tuner module
- 1 x SIM slot

Dimensions

- 200mm (W) x 119mm (D) x 30mm (H) (7.8" x 4.7" x 1.1")

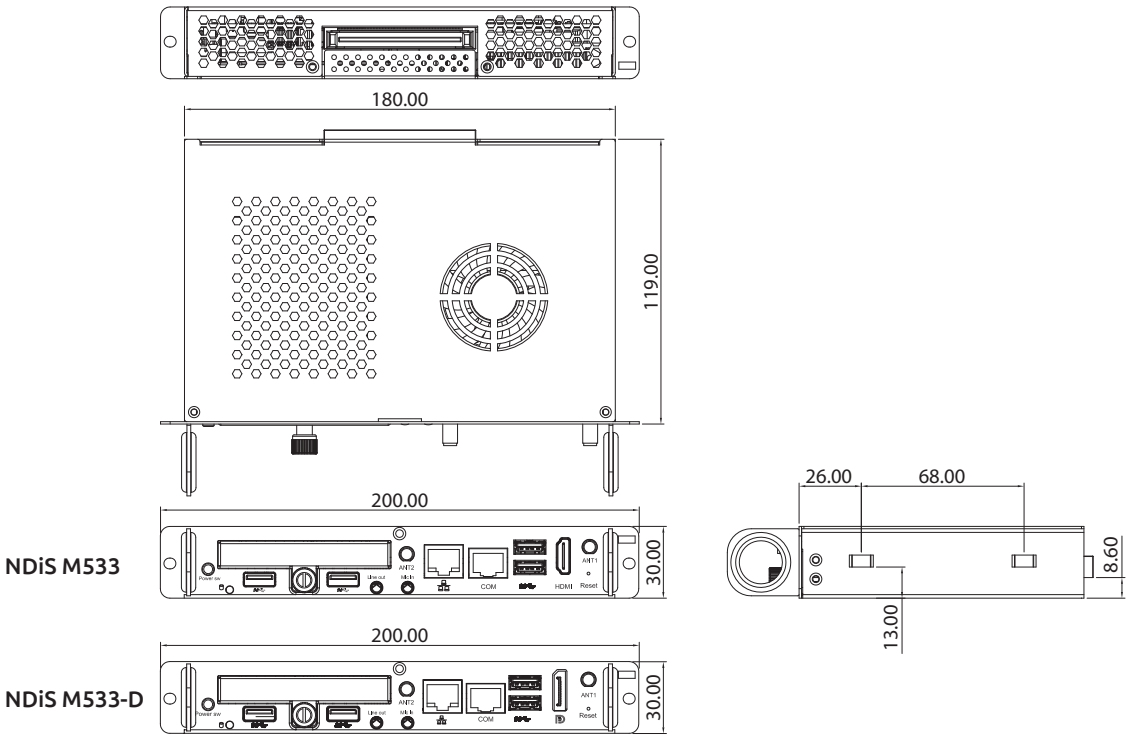
Power Power Supply

- DC power input +12V ~ 19V

Environment

- Operating temperature: ambient with air flow from 0°C to 45°C
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

Dimension Drawing



Certification

- CE approval
- FCC Class A

Operating System

- Win7/Win8/WES7/WES8/Win10/Linux

Ordering Information

- **NDiS M533 (P/N: 10W00M53300X0)**
  4th generation Intel® Core™ i5-4400E BGA type processor OPS, Intel® QM87 chipset
- **NDiS M533-4100E (P/N: 10W00M53302X0)**
  4th gerneration Intel® Core™ i3-4100E BGA type processor OPS, Intel® QM87 chipset
- **NDiS M533-4700EQ (P/N: 10W00M53305X0)**
  4th gerneration Intel® Core™ i7-4700EQ BGA type processor OPS, Intel® QM87 chipset
- **NDiS M533-D (P/N: 10W00M53301X0)**
  4th gerneration Intel® Core™ i5-4400E BGA type processor OPS, Intel® QM87 chipset
- **NDiS M533-4720HQ (P/N: 10W00M53308X0)**
  4th gerneration Intel® Core™ i7-4720HQ BGA type processor OPS, Intel® QM87 chipset, W/O V-Pro
- **NDiS M533-4210H (P/N: 10W00M53306X0)**
  4th gerneration Intel® Core™ i5-4210H BGA type processor OPS, Intel® QM87 chipset, W/O V-Pro

NDiS M535

Embedded Computer Powered by 6th Gen. Intel® Core™ Processor
OPS-Based Digital Signage Platform, Support 4K(HDMI 2.0) Resolution

Main Features

- 6th generation Intel® Core™ Processor
- Intel® integrated HD 530 graphic engine
- Support 3 independent 4K2K video out
- Dual DDR4 SO-DIMM support
- WWAN/WLAN/TV Tuner support
- DirectX® 12 support

Product Overview

NDiS M535 is an OPS-compliant media player powered by 6th generation Intel® Core™ processors. Following open pluggable standard, NDiS M533 can perfectly fit into a myriad of OPS-panels and is compact in size. Yet, NDiS M535 has high scalability, allowing for easy storage capacity expansion through pluggable 2.5" storage unit and effortless functional extension through Mini Card expansion modules. Changing system memory is also made simple. In addition, NDiS M535 leverages the future generation Intel® Core™ processors to deliver outstanding graphics support 3 independent 4K2K video output. The superb but power-efficient NDiS M535 can therefore maximize visual impacts for digital signage applications.

Specifications

CPU Support

- 6th generation Intel® Core™ i5-6440EQ 2.7GHz BGA type processor
- 6th generation Intel® Core™ i7-6820EQ 2.8GHz BGA type processor

Chipset

- Intel® QM170 PCH

Graphic

- Intel® intergrated HD 530 graphics

Main Memory

- 2 x 260pin SO-DIMM Sockets, Supports DDR4 1866/2133 MHz non-ECC, un-buffered memory up to 32G (Single socket max. 16GB)

I/O Interface-Front

- 1 x Power button with LED
- 1 x Reset button
- 1 x RJ45 with LEDs for Gigabit LAN
- 1 x HDMI 2.0 (A type), 1 x Mini DP
- 2 x USB 3.0
- 1 x 2.5" HDD/SSD slot
- 1 x HDD Active LED
- 2 x Antenna hole
- 1 x Mic-in phone jack
- 1 x Line-out phone jack

I/O Interface-Rear

- 1 x TMDS (HDMI)
- 1 x USB 3.0
- 2 x USB 2.0
- 1 x UART (TX/RX)
- 1 x Audio out L/R
- DC input +12V~+19V
- Control signals (PWR_STATUS, PS_ON#, PB_DET, CEC, SYS_FAN)

Storage Device

- 1 x SATA 2.5" HDD/SSD

Expansion

- 1 x mini-PCIe for optional WLAN/TV tuner module
- 1 x Micro SIM Slot

Dimensions

- 200mm (W) x 119mm (D) x 30mm (H) (7.8" x 4.7" x 1.1")

Power Power Supply

- DC power input +12V ~ +19V

Environment

- Operating temperature: ambient with air flow from 0°C to 45°C
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

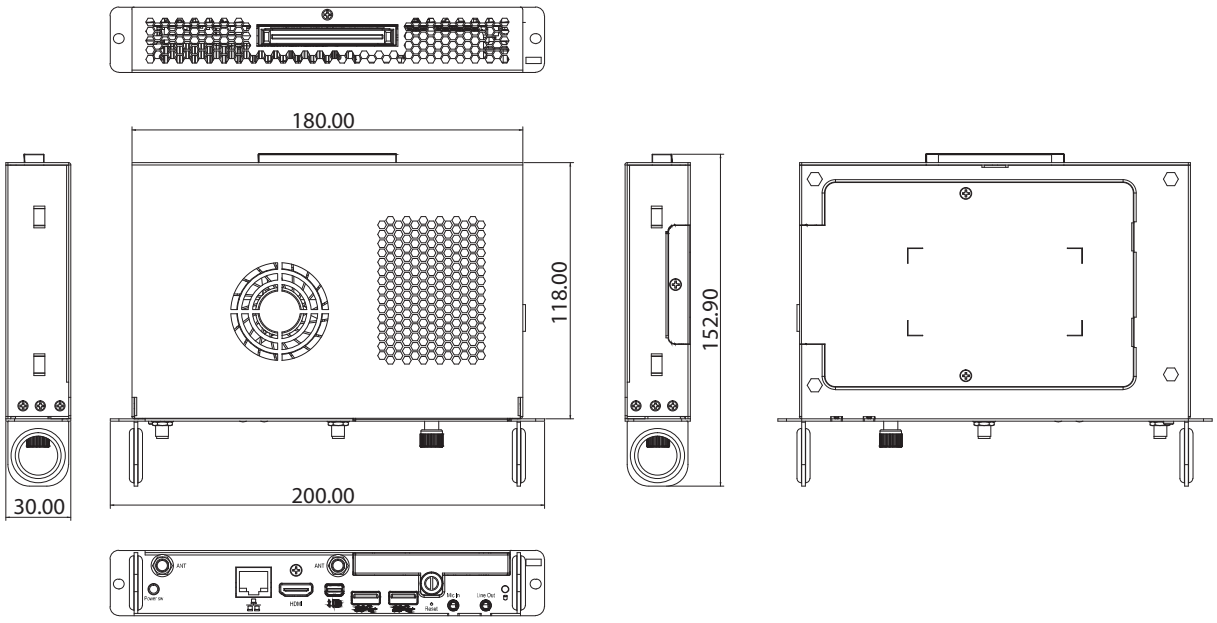
Certification

- CE/FCC Class A

Operating System

- Win7 (32/64bit)/Win8.1 (64bit)/Win10 (64bit)

Dimension Drawing



Ordering Information

- **NDiS M535 (P/N: 10W00M53500X0)**
  6th generation Intel® Core™ i5-6440EQ BGA type processor OPS, Intel® QM170 chipset
- **NDiS M535-6820EQ (P/N: 10W00M53501X0)**
  6th generation Intel® Core™ i7-6820EQ BGA type processor OPS, Intel® QM170 chipset

PDSB 325

Fanless Embedded Computer

Powered by Intel®Celeron® Processor N3150

Product Overview

PDSB 325 is Intel® Celeron® Processor N3150, based digital signage player pre-loaded with user-friendly digital signage software, the PowerDigiS, targeting for entry-level digital signage applications. PDSB 325 is enclosed in a compact chassis with low power consumption and can be easily integrated to display device such as LCD TV or PDP at site installation. PDSB 325 is capable to layout display into multiple rectangle zones and play rich multi-media, contents on each zone in accordance with user defined schedule table. This makes the PDSB 325 work perfect for increasing digital signage applications within retail outlets, department stores, entertainment venues, restaurants, hotels, bus/train stations, schools/universities and hospitals for dynamic message, delivering, advertising, or brand promotion.

Presentation Design Tool

The presentation design tool is one of the most valuable parts of the PowerDigiS software. It helps digital signage content creator on intuitive operations to ease the output of presentation to the player. The tool provides quick screen layout design function. The screen layout can be saved as template for reuse. The tool provides an easy drag and drop method to organize contents in playlist and associate playlist to each zones in the screen layout. The tool provides handy preview function for individual content files and final presentation. The presentation design tool also integrates easy upload function to publish presentation design to removable media, central management server, or player.

User's Benefits

- Seamless hardware and software integration for operation reliability
- Flexible display configuration
- Presentation design is simple and intuitive
- Presentation publish and scheduling is easy
- Presentation content support is rich and versatile
- Self-contained device for easy deployment

Software Specifications

Content Source
- Local disk or network server

Video File Format
- MPEG 1/2/4, AVI, WMV, DivX, XVID, VOB, MOV VC-1, H.264, rm, rmvb

Flash File Format
- SWF, FLV

Picture File Format
- JPG, BMP, PNG, ICO, ICP, GIF, TIFF, WMF

Sound Format
- MIDI, MPEG-1-Audio LayerII (MP2), mp3, SND, M4A, AAC, wav, wma, ogg, ra

Text/Data
- Banner
- RSS news feed

Screen Support
- Single display, or two clone displays
- Presentation can be segmented to different screen layouts
- Up to 9 display zones in each screen layout

Playing Effect
- Scrolling text
- Image transition effect
- Multiple languages

Content Throughput
- Up to 2 x HD video zones, or 1 x Full HD video zone, or 1 x shockwave flash zone
- Multiple pictures and scrolling text zones

Management Function
- Web-based management with password access control
- Multilingual management interface
- Presentation management
- Presentation scheduling
- System event log
- Presentation playing log
- Presentation play/pause/stop control function
- System reboot, shutdown, firmware upgrade

Presentation Design
- Presentation layout and playlist editing function
- Presentation and content file preview function
- Presentation publish function

Operating System
- Ubuntu Linux

Hardware Specifications

Storage Device
- 500GB SATA HDD

Video Interface-Rear
- 1 x DB15 VGA port
- 1 x HDMI port

Audio Interface-Rear
- 1 x Line-out
- 1 x Mic-in

I/O Interface-Front
- 2 x USB 2.0
- 2 x USB 3.0
- 2 x DB9 for RS-232

I/O Interface-Rear
- 2 x USB 3.0
- 1 x antenna hole for Wi-Fi or TV tuner

LAN Interface-Rear
- 1 x RJ45 with LEDs 10/100/1000Mbps Ethernet

Expansion
- 1 x Mini-PCIe (Full size) for optional WLAN module or TV tuner module

Power Supply
- 1 x External 63W AC/DC power adapter
  Input: 100VAC to 240VAC
  Output: DC+19VDC

Dimensions
- 224.34mm (W) x 147.4mm (D) x 29mm (H)

Environment
- Operating temperature: -20°C to 50°C
- Storage temperature: -25°C to +80°C
- Humidity: 10 to 90% (non-condensing)

Certification
- CE approval
- FCC Class A

Ordering Information

- **PDSB 325 (P/N: 10B00032500X0)**

PDSB 166

Support Dual Full HD Video Playback Fanless Embedded Computer
Powered by 2nd Generation Intel® Core™ Processor

Product Overview

PDSB 166 is an 2nd Generation Intel® Core™ processor based digital signage player pre-loaded with user-friendly digital signage software, the PowerDigiS, targeting for entry-level digital signage applications. PDSB 166 is enclosed in a compact chassis with low power consumption and can be easily integrated to display device such as LCD TV or PDP at site installation. PDSB 166 is capable to layout display into multiple rectangle zones and play rich multi-media contents on each zone in accordance with user defined schedule table. This makes the PDSB 166 work perfect for increasing digital signage applications within retail outlets, department store, entertainment venues, restaurants, hotels, bus/train station, schools/universities and hospitals for dynamic message delivering, advertising, or brand promotion.

Presentation Design Tool

The presentation design tool is one of the most valuable parts of the PowerDigiS software. It helps digital signage content creator on intuitive operations to ease the output of presentation to the player. The tool provides quick screen layout design function. The screen layout can be saved as template for reuse. The tool provides an easy drag and drop method to organize contents in playlist and associate playlist to each zones in the screen layout. The tool provides handy preview function for individual content files and final presentation. The presentation design tool also integrates easy upload function to publish presentation design to removable media, central management server, or player.

User's Benefits

- Seamless hardware and software integration for operation reliability
- Flexible display configuration
- Presentation design is simple and intuitive
- Presentation publish and scheduling is easy
- Presentation content support is rich and versatile
- Self-contained device for easy deployment

Software Specifications

Content Source
- Local disk or network server

Video File Format
- MPEG 1/2/4, AVI, WMV, DivX, XVID, VOB, MOV VC-1, H.264, rm, rmvb

Flash File Format
- SWF, FLV

Picture File Format
- JPG, BMP, PNG, ICO, ICP, GIF, TIFF, WMF

Sound Format
- MIDI, MPEG-1-Audio LayerII (MP2), mp3, SND,M4A,AAC,wav, wma, ogg, ra

Text/Data
- Banner
- RSS news feed

Screen Support
- Single display, or two clone displays
- Presentation can be segmented to different screen layouts
- Up to 9 display zones in each screen layout

Playing Effect
- Scrolling text
- Image transition effect
- Multiple languages

Content Throughput
- Up to 2 x HD video zones, or 1 x Full HD video zone, or 1 x shockwave flash zone
- Multiple pictures and scrolling text zones

Management Function
- Web-based management with password access control
- Multilingual management interface
- Presentation management
- Presentation scheduling
- System event log
- Presentation playing log
- Presentation play/pause/stop control function
- System reboot, shutdown, firmware upgrade

Presentation Design
- Presentation layout and playlist editing function
- Presentation and content file preview function
- Presentation publish function

Operating System
- Ubuntu Linux

Hardware Specifications

Storage Device
- 500GB SATA HDD

Video Interface-Rear
- 1 x DB15 VGA port
- 1 x HDMI port
- 1 x DVI

Audio Interface-Rear
- 1 x Line-out/1 x Line-in

I/O Interface-Front
- 1 x CF card socket
- 2 x USB 2.0
- 2 x RS-232

I/O Interface-Rear
- 2 x Serial port

LAN Interface-Rear
- 1 x RJ45 with LEDs 10/100Mbps Ethernet
- 2 x Antenna hole for WLAN

Power Supply
- 1 x External 80W AC/DC power adapter
  AC-in: 100 ~ 240VAC
  DC-out: DC+12V

Dimensions
- 250mm (W) x 195mm (D) x 40mm (H) (9.8" x 7.7" x 1.6")

Environment
- Operating temperature: 0°C to +40°C
- Storage temperature: -20°C to +80°C
- Humidity: 10 to 90% (non-condensing)

Certification
- CE approval
- FCC Class A

Ordering Information

- **PDSB 166 (P/N: 10B00B16600X0)**

PDSB 535

Fanless Embedded Computer Powered by
6th Generation Intel® Core™ Processor, Support 4K2K Video Playback

Product Overview

PDSB 535 is 6th Generation Intel® Core™ processor, support for 4K2K video playback on three independent displays, based digital signage player pre-loaded with user-friendly digital signage software, the PowerDigiS, targeting for high-level digital signage applications. PDSB 535 is enclosed in a compact chassis with low power consumption and can be easily integrated to display device such as LCD TV or PDP at site installation. PDSB 535 is capable to layout display into multiple rectangle zones and play rich multi-media, contents on each zone in accordance with user defined schedule table. This makes the PDSB 535 work perfect for increasing digital signage applications within retail outlets, department stores, entertainment venues, restaurants, hotels, bus/train stations, schools/universities and hospitals for dynamic message, delivering, advertising, or brand promotion.

Presentation Design Tool

The presentation design tool is one of the most valuable parts of the PowerDigiS software. It helps digital signage content creator on intuitive operations to ease the output of presentation to the player. The tool provides quick screen layout design function. The screen layout can be saved as template for reuse. The tool provides an easy drag and drop method to organize contents in playlist and associate playlist to each zones in the screen layout. The tool provides handy preview function for individual content files and final presentation. The presentation design tool also integrates easy upload function to publish presentation design to removable media, central management server, or player.

User's Benefits

- Seamless hardware and software integration for operation reliability
- Flexible display configuration
- Presentation design is simple and intuitive
- Presentation publish and scheduling is easy
- Presentation content support is rich and versatile
- Self-contained device for easy deployment

Software Specifications

Content Source
- Local disk or network server

Video File Format
- MPEG 1/2/4, AVI, WMV, DivX, XVID, VOB, MOV VC-1, H.264, rm, rmvb

Flash File Format
- SWF, FLV

Picture File Format
- JPG, BMP, PNG, ICO, ICP, GIF, TIFF, WMF

Sound Format
- MIDI, MPEG-1-Audio LayerII (MP2), mp3, SND, M4A, AAC, wav, wma, ogg, ra

Text/Data
- Banner
- RSS news feed

Screen Support
- Single display, or two clone displays
- Presentation can be segmented to different screen layouts
- Up to 9 display zones in each screen layout

Playing Effect
- Scrolling text
- Image transition effect
- Multiple languages

Content Throughput
- Up to 2 x HD video zones, or 1 x Full HD video zone, or 1 x shockwave flash zone
- Multiple pictures and scrolling text zones

Management Function
- Web-based management with password access control
- Multilingual management interface
- Presentation management
- Presentation scheduling
- System event log
- Presentation playing log
- Presentation play/pause/stop control function
- System reboot, shutdown, firmware upgrade

Presentation Design
- Presentation layout and playlist editing function
- Presentation and content file preview function
- Presentation publish function

Operating System
- Ubuntu Linux

Hardware Specifications

Storage Device
- 500GB SATA HDD

Video Interface-Rear
- 3 x HDMI ports

Audio Interface-Rear
- 1 x Line-out
- 1 x Mic-in

I/O Interface-Front
- 2 x USB 3.0
- 2 x DB9 for RS-232

I/O Interface-Rear
- 2 x USB 3.0
- 3 x antenna holes for Wi-Fi or TV tuner

LAN Interface-Rear
- 1 x RJ45 with LEDs 10/100/1000Mbps Ethernet

Expansion
- 1 x Mini-PCIe (Full size) for optional WLAN module or TV tuner module
- 1 x NGFF (M.2) E key for optional WLAN
- 1 x SIM Slot

Power Supply
- 1 x External 96W AC/DC power adapter
  Input: 100VAC to 240VAC
  Output: DC+12VDC

Dimensions
- 294mm (W) x 198mm (D) x 52mm (H) (11.6" x 7.8" x 2.0")

Environment
- Operating temperature: 0°C to +40°C
- Storage temperature: -20°C to +80°C
- Humidity: 10 to 90% (non-condensing)

Certification
- CE approval
- FCC Class A

Ordering Information

- **PDSB 535 (P/N: 10B00053500X0)**

CMS 1100

Digital Signage Central Management Server

Manage up to 100 Media Players

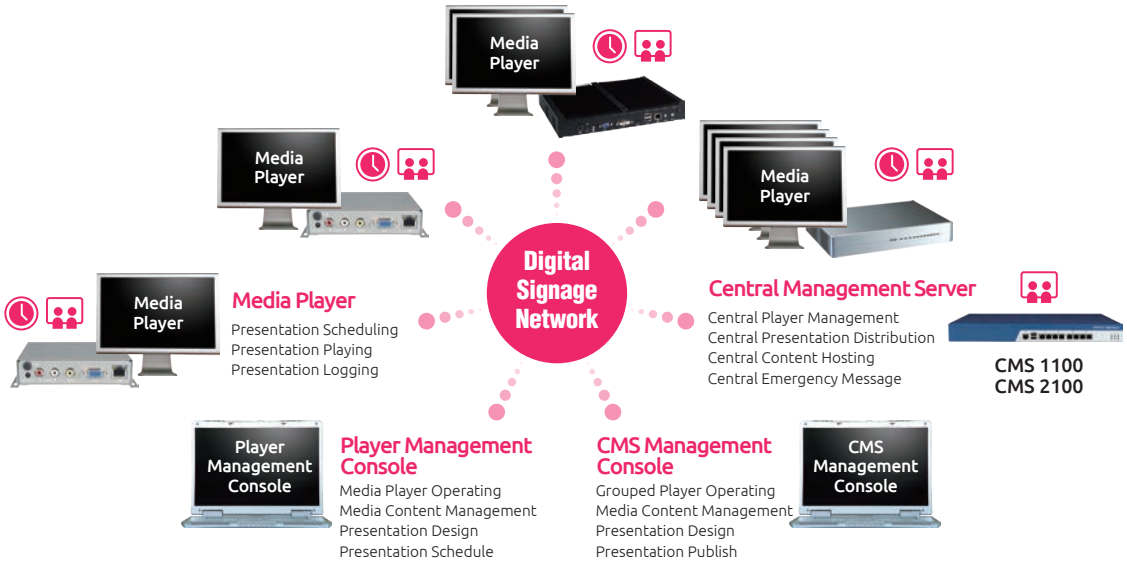
Main Features

- Central digital signage player device management
- Central emergent message
- Central digital signage presentation distribution
- Central digital signage presentation scheduling
- Central content management

System Overview

CMS Series is range of central management server appliances designed to improve the operation efficiency for network based digital signage displays.

Equipped with feature-rich PowerDigiS central management software, CMS 1100 is capable to handle up to 100 displays digital signage operation, including device management, presentation distribution, scheduling, and emergency message. It is a perfect solution for smaller scale digital signage display network operation within hospitality, retail, public message, education, and transportation.



Software Specifications

Player Device Management
- Add/Remove/Edit PowerDigiS player
- Add/Remove/Edit player group
- Start/Stop/Pause presentation
- Player/Player group power off/reset
- Support up to 100 PowerDigiS players

Central Presentation Distribution
- Distribute presentation to player/player group
- Support scheduled distribution or real-time distribution

Central Presentation Schedule
- Schedule player/player group presentation playing time table

Central Content Management
- Hosting contents at central management without distribution to player
- Support video/image/flash content file hosting

Emergency Message
- Send emergency message to player/player group
- Support scrolling or non-scrolling text message

Software Update
- Support player/player group software update

Hardware Specifications

I/O Interface-Front
- Power status/HDD status/LAN status LEDs

I/O Interface-Rear
- 1 x Power button
- 1 x RJ45 type console port
- 2 x USB 2.0 ports
- 4 x Copper LAN ports
- 1 x PCIe slot
- 1 x VGA port

Storage Device
- 1 x 2.5" 320GB HDD
- 1 x CF socket

Chassis Dimensions
- 272mm (W) x 195mm (D) x 44mm (H) (10.7" x 7.7" x 1.7")

Weight
- Net: 2kg

Ordering Information

- **CMS 1100 (P/N: 10B00110000X0)**

CMS 2100

Digital Signage Central Management Server

Manage up to 250 Media Players

Main Features

- Central digital signage player device management
- Central emergent message
- Central digital signage presentation distribution
- Central digital signage presentation scheduling
- Central content management

System Overview

CMS Series is range of central management server appliances designed to improve the operation efficiency for network based digital signage displays. Equipped with feature-rich PowerDigiS central management software, CMS 2100 is capable to handle up to 250 displays digital signage operation, including device management, presentation distribution, scheduling, and emergency message. It is a perfect solution for middle scale digital signage display network operation within hospitality, retail, public message, education, and transportation.

Software Specifications

Player Device Management
- Add/Remove/Edit PowerDigiS player
- Add/Remove/Edit player group
- Start/Stop/Pause presentation
- Player/Player group power off/reset
- Support up to 250 PowerDigiS players

Central Presentation Distribution
- Distribute presentation to player/player group
- Support scheduled distribution or real-time distribution

Central Presentation Schedule
- Schedule player/player group presentation playing time table

Central Content Management
- Hosting contents at central management without distribution to player
- Support video/image/flash content file hosting

Emergency Message
- Send emergency message to player/player group
- Support scrolling or non-scrolling text message

Software Update
- Support player/player group software update

Operating System
- Ubuntu Linux

Hardware Specifications

Storage Device
- 320GB SATA HDD

Video Interface-Rear
- 1 x VGA port

I/O Interface-Front
- 2 x USB 2.0
- 1 x RJ45 type console port

I/O Interface-Rear
- 1 x expansion slot (optional)
- 2 x USB 2.0 ports

LAN Interface-Front
- 8 x copper LAN ports

Expansion
- 1 x PCIex8 slot
- 1 x LAN module (Optional Support)

Power Supply
- 250W ATX power supply

Dimensions
- 430mm x 400mm x 44mm

Environment
- Operating temperature: 0°C to +40°C
- Storage temperature: -20°C to +75°C
- Humidity: 10 to 90% (non-condensing)

Certification
- CE approval
- FCC Class A
- UL

Ordering Information

- **CMS 2100 (P/N : TBD)**

PDSB 842

Multi-Display Embedded Digital Signage Player Powered by
AMD R-series Dual/ Quad Processors, Support 4 Independent MI Displays

Product Overview

PDSB 842 is an AMD R-series Dual/ Quad Processors based digital signage player pre-loaded with user-friendly digital signage software, the PowerDigiS, targeting for advanced digital signage applications. PDSB 842 is enclosed in a compact chassis and can be easily integrated to display device such as LCD TV or PDP at site installation. PDSB 842 support multiple displays output and is capable to layout displays into multiple rectangle zones and play rich multi-media contents on each zone in accordance with user defined schedule table. This makes the PDSB 842 work perfect for increasing digital signage applications within retail outlets, department store, entertainment venues, restaurants, hotels, bus/train station, schools/universities and hospitals for dynamic message delivering, digital menu board, advertising, or brand promotion.

Presentation Design Tool

The presentation design tool is one of the most valuable parts of the PowerDigiS software. It helps digital signage content creator on intuitive operations to ease the output of presentation to the player. The tool provides quick screen layout design function. The screen layout can be saved as template for reuse. The tool provides an easy drag and drop method to organize contents in playlist and associate playlist to each zones in the screen layout. The tool provides handy preview function for individual content files and final presentation. The presentation design tool also integrates easy upload function to publish presentation design to removable media, central management server, or player.

User's Benefits

- Seamless hardware and software integration for operation reliability
- Flexible display configuration
- Presentation design is simple and intuitive
- Presentation publish and scheduling is easy
- Presentation content support is rich and versatile
- Self-contained device for easy deployment

Software Specifications

Content Source
- Local disk or network server

Video File Format
- MPEG 1/2/4, AVI, WMV, DivX, XVID, VOB, MOV VC-1, H.264, rm, rmvb

Flash File Format
- SWF, FLV

Picture File Format
- JPG, BMP, PNG, ICO, ICP, GIF, TIFF, WMF

Sound Format
- MIDI, MPEG-1-Audio LayerII (MP2), mp3, SND, M4A, AAC, wav, wma, ogg, ra

Web/Data
- Web URL
- Text files
- RSS news feed

Screen Support
- Single display, four independent displays, 4x1 Display Group, 1x4
- Display Group and 2x2 Display Group
- Portrait or landscape orientation
- Presentation can be segmented to different screen layouts
- Up to 9 display zones in each screen layout

Playing Effect
- Scrolling text and emergency message
- Image transition effect
- Multiple languages

Content Throughput
- Up to 4 x HD video zones or 2 Full HD video zones
- Multiple shockwave flash, pictures, and scrolling text zones

Management Function
- Web-based management with password access control
- Multilingual management interface
- Presentation management
- Presentation scheduling
- System event log
- Presentation playing log
- Presentation play/Pause/Stop control function
- System reboot, Shutdown, Firmware upgrade

Presentation Design
- Presentation layout and playlist editing function
- Presentation and content file preview function
- Presentation publish function

Operating System
- Ubuntu Linux

Hardware Specifications

Storage Device
- 320GB SATA HDD

I/O Interface
- 1 x HDD LED
- 1 x Power LED
- +12V DC-in
- 2 x RJ45 for RS-232
- 2 x USB 3.0
- 2 x USB 2.0
- 2 x RJ45 with LEDs for 10/100/1000Mbps Ethernet
- 1 x Line-in, 1 x Line-out
- 1 x SPDIF
- 4 x HDMI
- 3 x antenna hole for Wi-Fi and TV tuner
- 1 x Power switch with LED
- 1 x Reset switch

Power Supply
- External 120W AC/DC adapter
- Input: 100 ~ 240VAC
- Output: +12VDC

Dimensions
- 280mm (W) x 230mm (D) x 44mm (H) (11.0" x9.0" x 1.7") w/o mounting bracket

Environment
- Operating temperature: Ambient with air flow from 0°C to 40°C
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

Certification
- CE approval
- FCC Class A

Ordering Information

- **PDSB 842 (P/N: 10B00B84200X0)**

KPPC 1552

High Value Fanless Kiosk Panel PC
15" TFT LCD Projected Capacitive True Flat Touch

Main Features

- 15" 4:3 XGA (1024 x 768) TFT LCD panel
- 15" projected capacitive true flat touch screen
- Fanless Kiosk Panel PC
- Intel® Atom™ D525 Dual-Core processor, 1.8GHz
- Support DDR3 SO-DIMM memory
- 2.5" removable SATA HDD
- Powered COM (4), USB (4), printer port (1), VGA (1), GbE LAN (1), cash drawer (1)
- Front bezel complies with IP-65 protection standard
- VESA 100mm x 100mm mounting for wall-mount application

Product Overview

The KPPC 1552 is a multi-functional and rugged Kiosk Panel PC, transcending various markets from Health Care, Gaming and Industrial applications. It has a State of the art 15" touch screen, with cutting edge Projected Capacitive Multi-Touch Technology from Japan. Zero Bezel (True Flat Surface) design and combined with its Solid IP65 Water and Dust proofing, makes it a perfect engine for any Kiosk Applications at any given harsh environment.

Unique Sleek and Noise Free Fanless Design driven by an Intel® Atom™ D525 Dual-Core Processor makes it a cost effective and high value terminal. Scalable M/B platform can be upgraded from Dual Core to Quad Core . Additional features like Removable HDD for COLD SWAPPING makes repair so easy, lowering terminal downtime to almost zero thus saving on maintenance cost.

KPPC 1552 supports 100mm x 100mm VESA Standard for various mounting application from Wall Mount, Panel Mount and Bracket Mount e.g. Nursing/ Service cart, Bedside Care, Gaming Kiosk and many more.

Specifications

Panel

- LCD Size: 15", 4:3
- Resolution: XGA 1024 x 768
- Luminance: 250cd/m²
- Contrast ratio: 700
- LCD color: 16.2M
- Viewing angle: 80 (upper), 80 (lower), 85 (left), 85 (right)
- Backlight: CCFL/LED
- Touch screen: projected capacitive true flat (zero bezel)
- Touch light transmission: 91%
- Touch interface: USB

System

- CPU: Intel® Atom™ D525, 1.8GHz
- BIOS: AMI BIOS
- System chipset: Intel® ICH8M
- System memory: 1 x 204-pin DDR3 SO-DIMM socket, 2GB DDR3 (default), optional support up to 4GB DDR3 800, Non-ECC and Un-buffered
- Hard disk drive: one 2.5" 320GB SATA HDD, removable type
- Expansion: 1 x Mini-card socket for Mini-PCIe and USB interface

Rear I/O

- USB: 4 x USB 2.0 port
- COM: 4 x DB-9 powered RS-232 port, adjust RI/5V/12V by BIOS setting
- Ethernet: 1 x RJ-45, 10/100/1000 Mbps
- VGA: 1 x DB-15 2nd VGA port
- Cash drawer: 1 x RJ-11 port, support two cash drawers (24V, Max 1.1A)
- Parallel: 1 x DB-25 printer port
- Audio: 1 x Line-out jack
- DC-IN: 1 x +12VDC input, Mini-DIN 4 pin lock type
- DC-OUT: 1 x +12VDC output for 2nd display power (12V, Max 3.0A)

Audio

- High Definition audio codec: Realtek ALC886-GR
- Internal audio: one 3W speaker
- External audio: Line-out audio jack

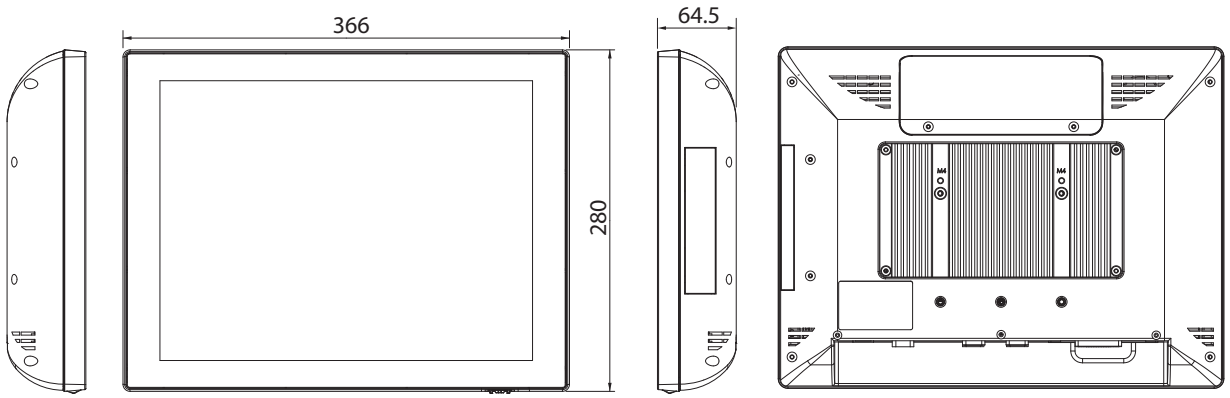
Ethernet

- LAN chip: Realtek RTL8111C-VC-GR Gigabit LAN
- Ethernet interface: 10/100/1000 Based-TX Ethernet compatible

Mechanical & Environment

- Color: beige/black

Dimension Drawing



- Mounting: desktop type, optional VESA 100 x 100mm wall-mount
- IP protection: front bezel complies with IP-65 protection standard
- Power input: +12VDC
- Power adapter: AC to DC power brick (+12VDC/8.33A, 100W)
- Operating temperature: 0°C to 40°C
- Storage temperature: -20°C to 60°C
- Operating humidity: 20% ~ 80% relative humidity, non-condensing
- Dimension: 366mm (L) x 280mm (W) x 64.5mm (H)
- Weight: 5.0 kg
- Tilt angle: 0° ~ 80°

Certifications

- CE approval
- FCC Class A

Ordering Information

- **KPPC 1552-036 (P/N: A0YK0155202X0)**
  - Color: black
  - CPU: Intel® Atom™ D525 Dual-Core, 1.8GHz L2 1MB
  - LCD/Touch: 15" XGA 1024 x 768 250nits with LED backlight/ projected capacitive true flat touch
  - Memory: 2GB DDR3 SO-DIMM
  - HDD: 320GB 2.5" SATA 5,400rpm
  - Power: +12VDC/100W power brick
- **Options**
  - 3G module kit (P/N: BW00000023X00)
  - WiFi module kit (P/N: TBD)

KPPC 1562

High Value Fanless Point-of-Sales 15" TFT LCD
Projected Capacitive True Flat Terminal

Main Features

- Quad core Intel® Celeron® processor J1900 2GHz
- 4GB of DDR3L SO-DIMM memory
- 15" 4:3 XGA (1024 x 768) P-cap true flat touch display with IP65-Rated front panel
- Fanless design
- 320GB 5,400rpm 2.5" HDD
- 2 x mini-PCIe, 4 x COM, 2 x USB 3.0, 2 x USB 2.0, 1 x VGA, 1 x GbE LAN
- 24VDC 120W power brick
- Optional peripheral expansion: MSR, fingerprint, VFD, 2nd display, cash drawer, scanner

Product Overview

NEXCOM has released the kiosk panel PC KPPC 1562 to help build a smart future-proof kiosk that can evolve with changing needs of retail and hospitality industries. Based on Intel® Celeron® J1900 processor, the KPPC 1562 can power multimedia contents for advertising and enable multiple ways of user interaction for self-servicing. The KPPC 1562 is designed with expansion flexibility and ease of use and maintenance and can maximize kiosk uptime and lower total cost of ownership (TCO) for users.

Specifications

System Processor

- Motherboard: NP-BYT0-B/C/D
- Processor: Intel® Celeron® processor J1900, 4C, 2.0 GHz, 2MB cache
- Chipset: integrated in Intel® Atom™ SoC
- System memory: 1 x SO-DIMM DDR3L 1333 4GB
- Graphics: integrated graphics controller, Intel's gen 7 graphics and media encode/decode engine

LCD Touch Screen

- LCD size: 15" TFT XGA (1024x768) 250cd/m² LED panel
- Touch screen: 15" zero bezel projected capacitive touch panel
- Tilt angle: 0° ~ 80°

Storage Device

- 1 x 2.5" SATA HDD 320GB 5,400rpm removable type

Expansion

- 1 x full size mini-card slot (mini-PCIe/USB/3G SIM slot)
- 1 x half size mini-card slot (mini-PCIe/USB)

Audio

- 1 x system buzzer

Rear I/O

- Serial port: 4 x DB-9 powered RS232 (adjust RI/5V/12V by BIOS setting)
- USB port: 2 x USB 3.0, 2 x USB 2.0
- Parallel port: 1 x DB-25 parallel optional
- LAN port: 1 x RJ-45 (10/100/1000Mbps Ethernet)
- VGA: 1 x DB-15 VGA
- Cash drawer Port: 1 x RJ-11, support two cash drawers (24V, Max. 1.1A)
- DC-IN Jack: 1 x DC 24V Input
- DC-OUT Jack: 1 x DC 12V output for 2nd display power (12V, Max. 3.0A)
- Line-out/MIC: 1 x Line-out for external audio speaker

System Control/Indicator

- Power switch: 1 x power ON/OFF switch
- Power LED: 1 x power ON LED (green)

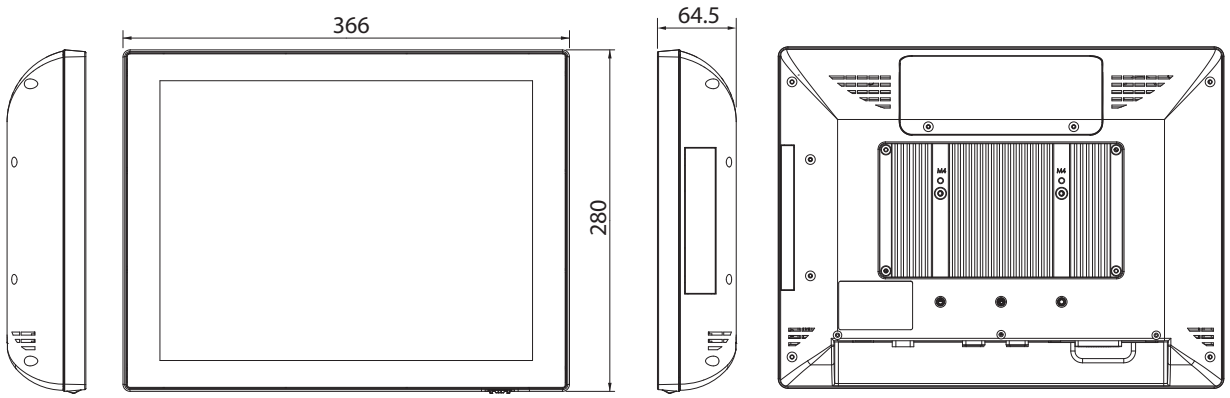
Power

- External AC DC 24V/5A 120W power brick

Environment

- Operating temperature: 0°C ~ 40°C (32°F ~ 104°F)
- Storage temperature: -20°C ~ 60°C (-4°F ~ 140°F)
- Operating humidity: 20% to 80% RH non-condensing
- Storage humidity: 20% to 85% RH non-condensing

Dimension Drawing



Peripheral (Optional)
- MSR: ISO 3 tracks MSR (USB/RS232 combo interface or PS/2)
- MSR/Fingerprint combo: ISO 3 Ttracks MSR (PS/2) & Fingerprint (USB) combo
- Customer display: 2 x 20 VFD customer display
- 2nd display: 15" LCD monitor

Dimension
- Display head: 366mm (W) x 280mm (H) x 64.5mm (D)
- Package size: 490mm (L) x 395mm (W) x 190mm (H)

Weight
- Net weight/gross weight: 5.0kg (11.0lbs)/7.0kg (15.4lbs)

Operating System
- Windows: Windows 8, WES 8, POS 7, Win 7 Pro, WES 7
- Linux: Fedora 17, TIZEN

Certificate
- FCC/CE/LVD

Ordering Information

- **KPPC 1562-036 (P/N: TBD)**
  - CPU: Intel® Celeron® processor J1900 2GHz
  - LCD/ Touch: 15" XGA 1024 x 768 250nits with LED backlight/P-cap true flat touch display
  - Memory: 4GB DDR3 SO-DIMM
  - HDD: 320GB 2.5" SATA 5,400rpm
  - Power: DC 24V/120W power brick
  - Color: black

KPPC 5852

High Performance Kiosk Panel PC

15" TFT LCD Projected Capacitive True Flat Touch

Main Features

- 15" 4:3 XGA (1024 x 768) TFT LCD panel
- 15" projected capacitive true flat touch screen
- 2nd/3rd Generation Intel® Core™ i3/i5/i7 Processor
- Support DDR3 1333 SO-DIMM memory
- 2.5" removable SATA HDD
- Powered COM(4), USB(4), printer port(1), VGA(1), GbE LAN(1), Cash drawer(1)
- Front bezel complies with IP-65 protection standard
- VESA 100mm x 100mm mounting for wall-mount application

Product Overview

The KPPC 5852 is a multi-functional and Powerful Kiosk Panel PC, transcending various market applications from Health Care, Gaming and Industrial. It has a State of the art 15" touch screen with Projected Capacitive Multi-Touch Technology from Japan .Borderless (True Flat Surface) design combined with its Solid IP65 Water and Dust proofing, making it a perfectengine for any Kiosk Applications.

High-end performance 2nd/3rd Generation Intel® Core™ i3/i5/i7 Mobile Processor platform makes sure multi-applications runs smoothly and efficiently.

Removable HDD and Dust Filter design makes repair so easy, lowering terminal downtime to almost zero and thus saving on maintenance cost.

KPPC 5852 supports 100mm x 100mm VESA Standard for various mounting application from Wall Mount, Panel Mount and Bracket Mount e.g. Nursing/ Service cart, Bedside Care, Factory Automation and many more.

Specifications

Panel

- LCD Size: 15", 4:3
- Resolution: XGA 1024 x 768
- Luminance: 250cd/m^2
- Contrast ratio: 700
- LCD color: 16.2M
- Viewing angle: 80 (upper), 80 (lower), 85 (left), 85 (right)
- Backlight: CCFL
- Touch screen: projected capacitive true flat (zero bezel)
- Touch light transmission: 91%
- Touch interface: USB

System

- CPU: Default: Intel® Pentium® Processor B950, 2C/2T, 2.10 GHz, 2MB Cache
- Upgrade Optional:
  2nd Generation Intel® Core™ Mobile Processor: i7-2710QE, 4C/8T, 2.1GHz, 6MB Cache; i5-2510E, 2C/4T, 2.5GHz, 3MB Cache; i3-2330E, 2C/4T, 2.2GHz, 3MB Cache
  Optional: Intel® Celeron® Processor B810, 2C/2T, 1.60 GHz, 2M Cache
- BIOS: AMI BIOS
- System chipset: Intel® BD82HM65 Platform Controller Hub, BD82HM65, FCBGA 989
- System memory: 1 x 204-pin DDR3 1333 SO-DIMM socket, 2GB DDR3 (default), optional two sockets support up to 8GB DDR3 1333, non-ECC and un-buffered
- Hard disk drive: One 2.5" 320GB SATA HDD, removable type
- Expansion: 1 x Mini-Card Socket for Mini-PCIe and USB interface

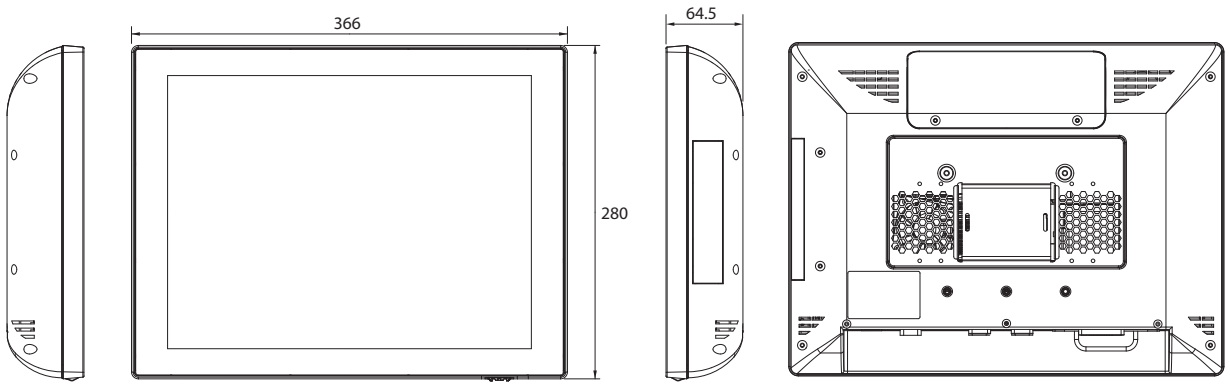
Rear I/O

- USB: 4 x USB 2.0 port
- COM: 4 x DB-9 powered RS-232 port, adjust RI/5V/12V by BIOS setting
- Ethernet: 1 x RJ-45, 10/100/1000 Mbps
- VGA: 1 x DB-15 2nd VGA port
- Cash drawer: 1 x RJ-11 port, support two cash drawers (24V, Max 1.1A)
- Parallel: 1 x DB-25 printer port
- Audio: 1 x Line-out jack
- DC-IN: 1 x +19VDC input, Mini-DIN 4 pin lock type
- DC-OUT: 1 x +12VDC output for 2nd display power (12V, Max 3.0A)

Ethernet

- LAN chip: Intel® PHY WG82579LM Gigabit LAN

Dimension Drawing



- Ethernet interface: 10/100/1000 Based-TX Ethernet compatible

Mechanical & Environment

- Color: beige/black
- Mounting: desktop type, optional VESA 100 x 100mm wall-mount
- IP protection: front bezel complies with IP-65 protection standard
- Power input: +19VDC
- Power adapter: AC to DC power brick (+19VDC/6.315A, 120W)
- Operating temperature: 0°C to 40°C
- Storage temperature: -20°C to 60°C
- Operating humidity: 20% ~ 80% relative humidity, non-condensing
- Dimension:366mm(L) x 280mm(W) x 64.5mm(H)
- Weight: 5.0 kg

Certifications

- CE approval
- FCC Class A

Ordering Information

- **KPPC 5852-036(P/N: A0YK0585202X0)**
  - Color: Black
  - CPU: Intel® Core™ i3/i5/i7 mobile processor, 2C/2T,2.10GHz, 2MB cache
  - LCD/Touch: 15" XGA 1024 x 768 250nits with LED backlight/ projected capacitive true flat touch
  - Memory: 2GB DDR3 SO-DIMM
  - HDD: 320GB 2.5"SATA 5,400rpm
  - Power: +19VDC/120W power brick
- **Options**
  - 3G module kit (P/N: BW00000023X00)
  - WiFi module kit (P/N: TBD)

KPPC 1812

18.5" Kiosk Panel PC

Main Features

- Quad core Intel® Celeron® processor J1900 2GHz
- 18.5" WXGA (1366 x 768) P-cap zero bezel touch display
- 2MP front webcam with autofocus
- 4GB of DDR3L SO-DIMM memory
- 320GB 5,400rpm 2.5" HDD
- Ultra slim 64.5mm
- VESA mounting (100 x 100mm)
- 24VDC 120W Power brick

Product Overview

NEXCOM has released the Kiosk Panel PC KPPC 1812 to help build a smart future-proof kiosk that can evolve with changing needs of retail and hospitality industries. Based on Intel® Celeron® J1900 processor, the KPPC 1812 can power multimedia contents for advertising and enable multiple ways of user interaction for self-servicing. The KPPC 1812 is designed with expansion flexibility and ease of use and maintenance and can maximize kiosk uptime and lower total cost of ownership (TCO) for users.

Specifications

System Processor

- Motherboard: NP-BYT0-A/NC-DK0-A
- Processor: IIntel® Celeron® J1900 Processor, 4C, 2.0GHz, 2MB Cache
- System Memory:
  - 1 x DDR3L 1333 SO-DIMM
  - Default: 1 x SO-DIMM DDR3L 1333 4GB
  - Optional: 1 x SO-DIMM DDR3L 1333 8GB
- Graphics: Integrated graphics controller, Intel's Gen 7 graphics and media encode/decode engine

LCD Touch Screen

- LCD Size: 18.5" TFT WXGA (1366x768) 250cd/m² LCD panel
- Touch Screen: 18.5" Projected Capacitive Touch Panel

Storage Device

- 1 x 2.5" SATA HDD 320GB 5,400rpm w/ HDD Door

Expansion

- 1 x Full size Mini-Card slot (mini-PCIe/USB/3G SIM slot)
- 1 x Half size Mini-Card slot (mini-PCIe/USB)

Rear I/O

- Serial (4):
  - 2 x RJ-50 Powered RS-232 (COM1, COM2, adjust RI/5V by BIOS setting)
  - 1 x RJ-50 Powered RS-232 (COM3, adjust RI/ 12V by BIOS setting)
  - 1 x RJ-50 Powered RS-232/422/485 (COM4, adjust RI/12V & RS232/422/485 by BIOS setting)
- USB (2/2): 2 x USB 2.0; 2 x USB 3.0
- Parallel: 1 x DB-25 Parallel Port
- LAN: 1 x RJ-45 (10/100/1000Mbps Ethernet)
- VGA: 1 x DB-15 VGA port for 2nd Display
- Cash Drawer Port: 1 x RJ-11, support Two Cash Drawers (24V, Max 1.1A)
- DC-in Jack: 1 x DC-24V Input
- DC-Out Jack: 1 x DC-12V Output for 2nd Display Power (12V, Max 3.0A)
- Line-Oout/Mic: 1 x Line-out for External Audio Speaker & Mic-in

Audio

- 1 x System Buzzer

System Control

- 1 x Power ON/OFF Switch

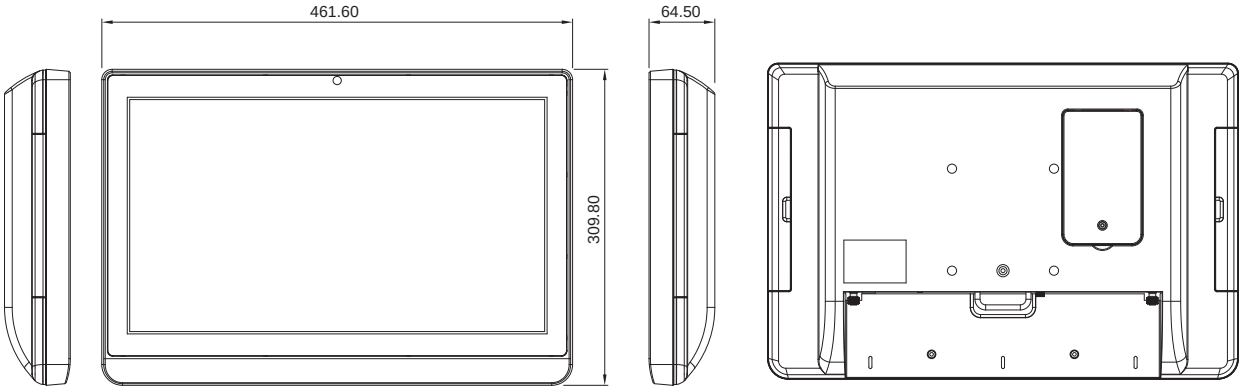
Power

- Default: External AC DC 24V/5.0A 120W Power Brick
- Optional: Upgrade to DC-24V 180W Power Brick

Kits/Peripherals

- Web Camera: Default: build-in 2M Auto Focus Web CAM, USB interface
- MSR: Optional: ISO 3 Tracks MSR (USB/RS232 combo interface or PS/2)
- MSR/ Fingerprint Combo: Optional: ISO 3 Tracks MSR (PS/2) & Fingerprint (USB) combo
- RFID/ NFC: Optional: RFID Mifare Read/ Write Module; NFC Contactless Reader Module
- Scanner: Optional: 2D Scanner
- Thermal Printer: Optional: 2"/3" Thermal Printer

Dimension Drawing



Environment
- Operating Temperature: 0°C to 40°C (32°F ~ 104°F)
- Storage Temperature: -20°C to 60°C (-4°F ~ 140°F)
- Operating Humidity: 20% to 80% RH non-condensing
- Storage Humidity: 20% ~ 85% RH non-condensing

Dimension
- Display Head: 461.6mm (W) x 309.8mm (H) x 64.5mm (D)
- Package Size: 585mm (L) x 235mm (W) x 450mm (H) (No MSR)

Weight
- Net Weight/Gross Weight: 9.0kg (19.8lbs)/10.5kg (23.2lbs)

Operating System
- Windows 8
- WES 8
- POSReady 7
- Win 7 Pro
- WES 7
- Fedora 17
- TIZEN

Certificate
- EMC & Safety
- FCC/CE/LVDS

Ordering Information

- **KPPC-1812-010 (P/N: A0YK0181200X0)**
  - CPU: Intel® Celeron® J1900 Processor, 4C, 2.0 GHz, 2MB Cache
  - LCD/ Touch: 18.5" TFT WXGA (1366x768) 250 cd/m² LCD panel/ Projected Capacitive Zero Bezel Touch
  - Memory: 4GB DDR3L SO-DIMM
  - HDD: 320GB 2.5" SATA 5,400rpm
  - Power: DC-24V/120W Power Brick
  - Color: Black
  - Web Camera: Build-in 2M Auto Focus Web Camera

KPPC 2412

24” Kiosk Panel PC

Main Features

- Quad core Intel® Celeron® processor J1900 2GHz
- 24”TFT FHD (1920 x 1080) P-cap zero bezel touch display
- 4GB of DDR3L SO-DIMM memory
- 320GB 5,400rpm 2.5” HDD
- Ultra slim 62.1mm
- VESA mounting (100 x 100mm)
- 24VDC 120W power brick

Product Overview

NEXCOM has released the kiosk panel PC KPPC 2412 to help build a smart future-proof kiosk that can evolve with changing needs of retail and hospitality industries. Based on Intel® Celeron® J1900 processor, the KPPC 2412 can power multimedia contents for advertising and enable multiple ways of user interaction for self-servicing. The KPPC 2412 is designed with expansion flexibility and ease of use and maintenance and can maximize kiosk uptime and lower total cost of ownership (TCO) for users.

Specifications

System Processor

- Motherboard: NP-BYT0-A/NC-DK0-A
- Processor: Intel® Celeron® J1900 processor, 4C, 2.0GHz, 2MB cache
- System memory:
  - 1 x DDR3L 1333 SO-DIMM
  - Default: 1 x SO-DIMM DDR3L 1333 4GB
  - Optional: 1 x SO-DIMM DDR3L 1333 8GB
- Graphics: integrated graphics controller, Intel’s gen 7 graphics and media encode/decode engine

LCD Touch Screen

- LCD size: 24” TFT WXGA (1920 x 1080) 250cd/m² LCD panel
- Touch screen: 24” projected capacitive touch panel

Storage Device

- 1 x 2.5” SATA HDD 320GB 5,400rpm w/ HDD door

Expansion

- 1 x full size mini-card slot (mini-PCIe/USB/3G SIM slot)
- 1 x half size mini-card slot (mini-PCIe/USB)

Rear I/O

- Serial (4):
  - 2 x RJ-50 powered RS232 (COM1, COM2, adjust RI/5V by BIOS setting)
  - 1 x RJ-50 powered RS232 (COM3, adjust RI/2V by BIOS setting)
  - 1 x RJ-50 powered RS-232/422/485 (COM4, adjust RI/12V & RS232/422/485 by BIOS setting)
- USB (2/2): 2 x USB 2.0; 2 x USB 3.0
- Parallel: 1 x DB-25 parallel port
- LAN: 1 x RJ-45 (10/100/1000Mbps Ethernet)
- VGA: 1 x DB-15 VGA port for 2nd display
- Cash drawer port: 1 x RJ-11, support two cash drawers (24V, Max. 1.1A)
- DC-IN Jack: 1 x DC-24V Input
- DC-OUT Jack: 1 x DC-12V output for 2nd display power (12V, Max. 3.0A)
- Line-out/MIC: 1 x Line-out for external audio speaker & MIC-in

Audio

- 1 x system buzzer
- 2 x 3W speaker (optional)

System Control

- 1 x power ON/OFF switch

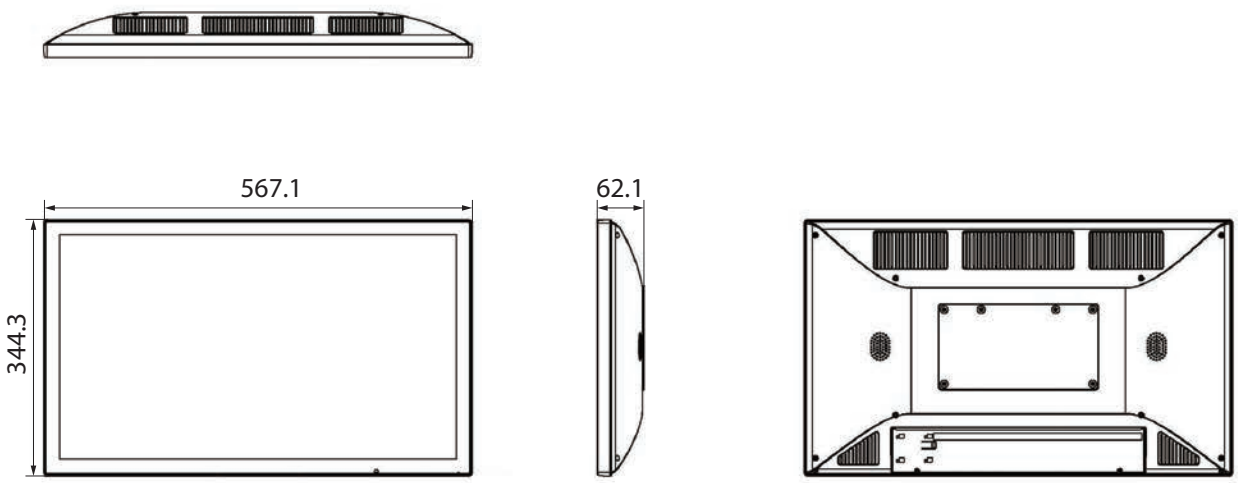
Power

- Default: external AC DC-24V/5.0A 120W power brick
- Optional: upgrade to DC-24V 180W power brick

Kits/Peripherals

- MSR: optional: ISO 3 tracks MSR (USB/RS232 combo interface or PS/2)
- MSR/fingerprint combo: optional: ISO 3 tracks MSR (PS/2) & fingerprint (USB) combo

Dimension Drawing



- RFID/NFC: optional: RFID Mifare read/write module; NFC contactless reader module
- Scanner: optional: 2D scanner
- Thermal printer: optional: 2”/3” thermal printer

Environment

- Operating temperature: 0°C to 40°C (32°F to 104°F)
- Storage temperature: -20°C to 60°C (-4°F to 140°F)
- Operating humidity: 20% to 80% RH non-condensing
- Storage humidity: 20% to 85% RH non-condensing

Dimension

- Display head: 576.1mm (W) x 344.3mm (H) x 62.1mm (D)
- Package size: 645mm (W) x 545mm (H) x 295mm (D)

Weight

- Net weight/gross weight: 9.5kg (20.9lbs)/12.0kg (26.5lbs)

Operating System

- Win 8
- WES 8
- POSReady 7
- Win 7 Pro
- WES 7
- Fedora 17
- TIZEN

Certificate

- EMC & Safety
- FCC/CE/LVDS

Ordering Information

- **KPPC 2412-010 (P/N: TBD)**
  - CPU: Intel® Celeron® J1900 processor, 4C, 2.0 GHz, 2MB cache
  - LCD/Touch: 24” TFT WXGA (1920 x 1080) 250 cd/m² LCD panel/ Projected capacitive zero bezel touch
  - Memory: 4GB DDR3L SO-DIMM
  - HDD: 320GB 2.5” SATA 5,400rpm
  - Power: DC-24V/120W power brick
  - Color: black

KPPC 2712

27” Kiosk Panel PC

Main Features

- Quad core Intel® Celeron® processor J1900 2GHz
- 27” TFT FHD (1920 x 1080) P-cap zero bezel touch display
- 4GB of DDR3L SO-DIMM memory
- 320GB 5,400rpm 2.5” HDD
- Ultra slim 62.1mm
- VESA mounting (100 x 100mm)
- 24VDC 120W power brick

Product Overview

NEXCOM has released the Kiosk panel PC KPPC 2712 to help build a smart future-proof kiosk that can evolve with changing needs of retail and hospitality industries. Based on Intel® Celeron® J1900 processor, the KPPC 2712 can power multimedia contents for advertising and enable multiple ways of user interaction for self-servicing. The KPPC 2712 is designed with expansion flexibility and ease of use and maintenance and can maximize kiosk uptime and lower total cost of ownership (TCO) for users.

Specifications

System Processor

- Motherboard: NP-BYT0-A/NC-DK0-A
- Processor: Intel® Celeron® J1900 processor, 4C, 2.0GHz, 2MB cache
- System memory:
  - 1 x DDR3L 1333 SO-DIMM
  - Default: 1 x SO-DIMM DDR3L 1333 4GB
  - Optional: 1 x SO-DIMM DDR3L 1333 8GB
- Graphics: integrated graphics controller, Intel’s gen 7 graphics and media encode/decode engine

LCD Touch Screen

- LCD size: 27” TFT WXGA (1920 x 1080) 250cd/m² LCD panel
- Touch screen: 27” projected capacitive touch panel

Storage Device

- 1 x 2.5” SATA HDD 320GB 5,400rpm w/ HDD door

Expansion

- 1 x full size mini-card slot (mini-PCIe/USB/3G SIM slot)
- 1 x half size mini-card slot (mini-PCIe/USB)

Rear I/O

- Serial (4):
  - 2 x RJ-50 powered RS232 (COM1, COM2, adjust RI/5V by BIOS setting)
  - 1 x RJ-50 powered RS232 (COM3, adjust RI/12V by BIOS setting)
  - 1 x RJ-50 powered RS232/422/485 (COM4, adjust RI/12V & RS232/422/485 by BIOS setting)
- USB (2/2): 2 x USB 2.0; 2 x USB 3.0
- Parallel: 1 x DB-25 parallel port
- LAN: 1 x RJ-45 (10/100/1000Mbps Ethernet)
- VGA: 1 x DB-15 VGA port for 2nd display
- Cash drawer port: 1 x RJ-11, support two cash drawers (24V, Max. 1.1A)
- DC-in Jack: 1 x DC-24V Input
- DC-out Jack: 1 x DC-12V output for 2nd display power (12V, Max. 3.0A)
- Line-out/MIC: 1 x Line-out for external audio speaker & MIC-in

Audio

- 1 x system buzzer
- 2 x 3W speaker (optional)

System Control

- 1 x power ON/OFF switch

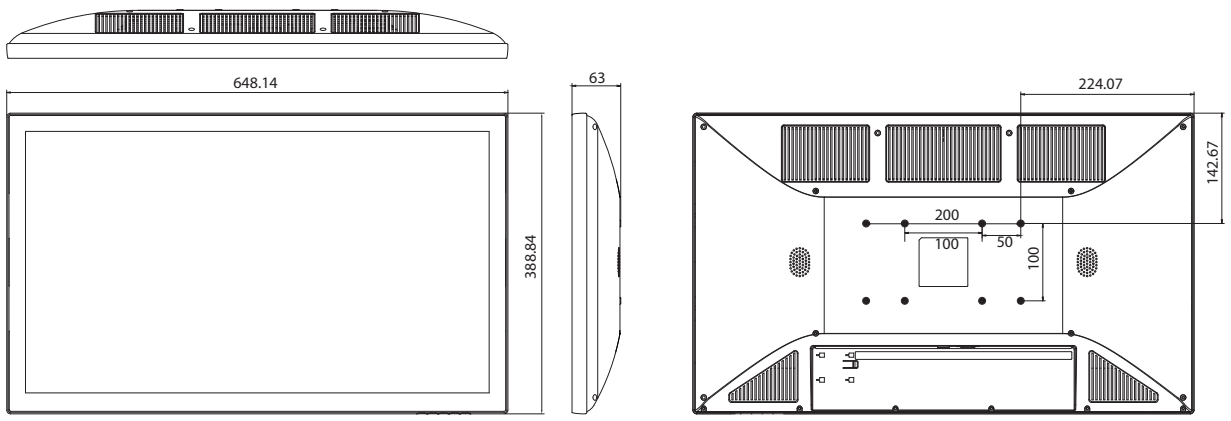
Power

- Default: external AC DC-24V/5.0A 120W power brick
- Optional: upgrade to DC-24V 180W power brick

Kits/Peripherals

- MSR: optional: ISO 3 tracks MSR (USB/RS232 combo interface or PS/2)
- MSR/fingerprint combo: optional: ISO 3 tracks MSR (PS/2) & fingerprint (USB) combo

Dimension Drawing



- RFID/NFC: optional: RFID Mifare read/write module; NFC contactless reader module
- Scanner: optional: 2D scanner
- Thermal printer: optional: 2”/3” thermal printer

Environment

- Operating temperature: 0°C to 40°C (32°F to 104°F)
- Storage temperature: -20°C to 60°C (-4°F to 140°F)
- Operating humidity: 20% to 80% RH non-condensing
- Storage humidity: 20% to 85% RH non-condensing

Dimension

- Display head: 647.8mm (W) x 469.2mm (H) x 250mm (D)
- Package size: 730mm (L) x 560mm (H) x 300mm (D)

Weight

- Net weight/gross weight: 9.5kg (20.9lbs)/ 12.0kg (26.5lbs)

Operating System

- Win 8
- WES 8
- POSReady 7
- Win 7 Pro
- WES 7
- Fedora 17
- TIZEN

Certificate

- EMC & Safety
- FCC/CE/LVDS

Ordering Information

- **KPPC 2712-010 (P/N: TBD)**
  - CPU: Intel® Celeron® J1900 processor, 4C, 2.0 GHz, 2MB cache
  - LCD/Touch: 24” TFT WXGA (1920 x 1080) 250 cd/m² LCD panel/ Projected capacitive zero bezel touch
  - Memory: 4GB DDR3L SO-DIMM
  - HDD: 320GB 2.5” SATA 5,400rpm
  - Power: DC-24V/120W power brick
  - Color: black

OPPC 1240T

12.1" TFT SVGA 4:3 Fanless Open Frame PC with Intel® Atom™ E3826, 1.46GHz, Touch Screen, 2GB DDR3L, 3 x USB, 2 x COM and VGA

Main Features

- 4:3 12.1" SVGA fanless LED panel computer
- Intel® Atom™ E3826/J1900, dual core, low power consumption CPU
- PS2 KB/MS/Line-out/dual GbE/3x USB
- 2 x RS232/422/485/2nd display-VGA/2 x mini-PCIe sockets/1 x CFast
- Remote power switch
- DDR3L 2GB/2.5" HDD bracket
- Support JMobile HMI and CODESYS SoftLogic (optional)
- Mounting support: panel/wall stand/VESA 100mm x 100mm
- Wide range power input 12~30VDC

Product Overview

Incorporated a 12.1" 4:3 touch screen LCD panel with resolutions up to 1024 x 768 (XGA) and 350 nits brightness. It is specially designed with bezel-less display which allows customers to design front bezel according to their application requirements without any limitation. The OPPC 1240T are fanless panel PC based on the Atom™ E3826/J1900 processor. The OPPC 1240T supports WWAN/WLAN expansion and others via dual Gigabit Ethernet connectors, two mini-PCIe slots and one SIM card holder.

With support for wide power input of 12V~30V, OPPC 1240T can gain a strong foothold in industrial field and machine devices. In addition, OPPC 1240T can hook 2nd display via a VGA port for dual independent display. OPPC 1540T has two isolated RS232/422/485 ports.

Specifications

Panel

- LED Size: 12.1", 4:3
- Resolution: SVGA 800 x 600
- Luminance: 350cd/m^2
- Contrast ratio: 800
- LCD color: 16.7M
- Viewing angle: 80(U), 80(D), 80(L), 80(R)
- Backlight: LED

Touch

- 5-wire resistive
- Light transmission: 80%
- Interface: USB

System

- CPU: On-board dual core Intel® Atom™ processor E3826 1.46GHz, 1M L2 Cache
- Processor: Intel® Celeron® J1900 processor, 4C, 2.0GHz, 2MB Cache (optional)
- BIOS: AMI BIOS
- System memory: 22 x 204-pin DDR3L SO-DIMM socket, 2GB DDR3L (default), support up to 8GB DDR3L-1066/1333, non-ECC and un-buffered
- Storage Device:
  - 1 x external locked CFast socket
  - 1 x hard drive bay: optional 1 x 2.5" SATA HDD or 1 x SATA DOM
- Watchdog timer: watchdog timeout can be programmable by
- software from 1 second to 255 seconds and from 1 minute to 255 minutes (tolerance 15% under room temperature 25˚C)
- H/W status monitor: Monitoring system temperature, and voltage
- Expansion: 2 x mini-PCIe sockets (support optional Wi-Fi or 3.5G module)

Rear I/O

- PS2 keyboard/mouse
- Audio port: 1x Line-out
- Remote power switch
- Ethernet: 2x RJ45
- USB: 2 x USB 2.0; 1 x USB 3.0
- COM #1: RS232/422/485
- COM #2: RS232/422/485
- Reset button
- 2nd display VGA port: 1 x DB15
- Power switch

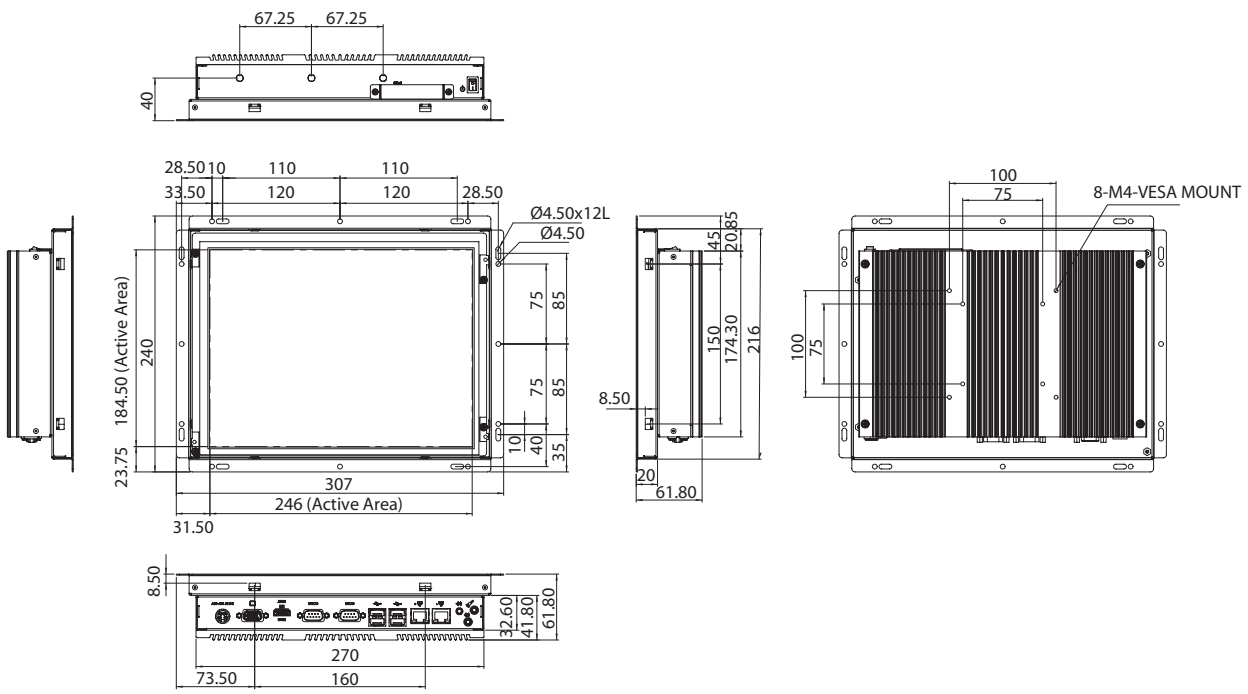
Audio

- AC'97 codec: realtek ALC886-GR
- Audio interface: Line-out/Line-in (optional)/MIC-in (optional) audio Jack

Ethernet

- LAN chip: dual Intel® I210AT Gigabit LAN
- Ethernet interface: 10/100/1000 based-Tx Ethernet compatible

Dimension Drawing



Mechanical & Environment

- Mounting:
  Panel/wall/stand/VESA 100mm x 100mm
  Power input: 12~30VDC
  Power adapter: Optional AC to DC power adapter (+12V, 60W)
- Vibration:
  IEC 68 2-64 (w/ HDD)
  1Grms @ sine, 5~500Hz, 1hr/axis (HDD Operating)
  2Grms @ random condition, 5~500Hz, 0.5hr/axis (Non-operating)
- Shock:
  IEC 68 2-27
  HDD: 20G@wall mount, half sine, 11ms
  Operating temperature: -5°C to 50°C
- Storage temperature: -20°C to 75°C
- Operating humidity:
  10%~90% relative humidity, non-condensing
- Dimension: 307 x 240 x 61.8mm
- Weight: 3.8kg

Certifications

- CE approval
- FCC Class A

OS Support Lists

- Windows 8 32bit/64bit
- Windows 7 32bit/64bit
- WinCE 7.0

Ordering Information

Barebone

- **OPPC 1240T (P/N: TBD)**
  15" XGA LED backlight touch panel PC with Intel® Atom™ E3826 1.46 GHz, touch screen, 2GB DDR3L with 2 x RS232/422/485
- **OPPC 1240T-J1900 (P/N: TBD)**
  15" XGA LED backlight touch Panel PC with Intel® Atom™ J1900 2.0 GHz, touch screen, 2GB DDR3L with 2 x RS232/422/485 (optional)

Options

- **12V, 60W AC/DC power adapter w/o power cord**
  (P/N: 7400060019X00)

OPPC 1540T

15” TFT XGA 4:3 Fanless Open Frame PC with Intel® Atom™ E3826, 1.46GHz, Touch Screen, 2GB DDR3L, 3 x USB, 2 x COM and VGA

Main Features

- 4:3 15" XGA Fanless Panel Computer
- Intel® Atom™ E3826, dual core, low power consumption CPU
- PS2 KB/MS/Line-out/Dual GbE/3x USB
- 2 x RS232/422/485/2nd display-VGA/2 x Mini-PCIe sockets/1 x CFast
- Remote power switch
- DDR3L 2GB/2.5" HDD bracket
- Support JMobile HMI and CODESYS SoftLogic (optional)
- Mounting support: Panel/Wall/Stand/VESA 100mm x 100mm
- Wide range power input 12~30VDC

Product Overview

Incorporated a 15" 4:3 touch screen LCD panel with resolutions up to 1024 x 768 (XGA) and 420 nits brightness. It is specially designed with bezel-less display which allows customers to design front bezel according to their application requirements without any limitation. The OPPC1540T are fanless Panel PC based on the Atom™ E3826 processor. The OPPC 1540T supports WWAN/WLAN expansion and others via dual Gigabit Ethernet connectors, two Mini-PCIe slots and one SIM card holder.

With support for wide power input of 12~30VDC, OPPC 1540T can gain a strong foothold in industrial field and machine devices. In addition, OPPC 1540T can hook 2nd display via a VGA port for dual independent display. OPPC 1540T has two isolated RS232/422/485 ports.

Specifications

Panel

- LED size: 15", 4:3
- Resolution: XGA 1024x768
- Luminance: 420cd/m²
- Contrast ratio: 800
- LCD color: 262K
- Viewing angle: 80(U), 80(D), 80(L), 80(R)
- Backlight: LED

Touch

- 5-wire resistive
- Touch light transmission: 81%
- Touch interface: USB

System

- CPU: On-board Intel® Atom™ Dual Core processor E3826, 1.46GHz, 1M L2 Cache
- BIOS: AMI BIOS
- System memory: 2 x 204-pin DDR3L SO-DIMM socket, 2GB DDR3L (Default), Support up to 8GB DDR3L-1066/1333, Non-ECC and Un-buffered
- Storage device:
  - 1 x external locked CFast socket
  - 1 x hard drive bay: optional 1 x 2.5" SATA HDD or 1x SATA DOM
- Watchdog timer: Watchdog timeout can be programmable by software from 1 second to 255 seconds and from 1 minute to 255 minutes (tolerance 15% under room temperature 25°C)
- H/W status monitor: monitoring system temperature, and voltage
- Expansion: 2 x Mini-PCIe sockets (support optional Wi-Fi, 3.5G module)

Rear I/O

- PS2 keyboard/mouse
- Audio port: 1 x Line-out
- Remote power switch
- Ethernet: 2 x RJ45
- USB: 2 x USB2.0; 1 x USB3.0
- COM #1: RS232/422/485
- COM #2: RS232/422/485
- Reset button
- 2nd display VGA port: 1 x DB15
- Power switch

Audio

- HD Codec: Realtek ALC886-GR
- Audio interface: Line-out/Line-in (Optional)/MIC-in (Optional) audio Jack

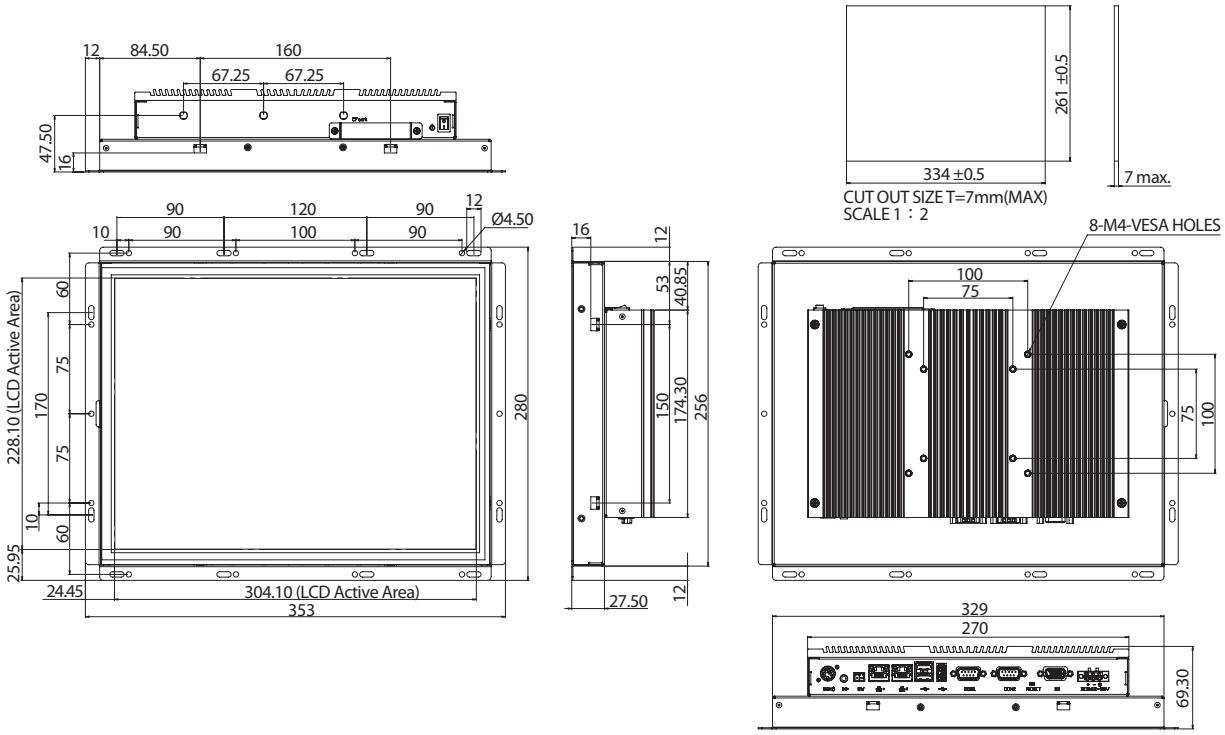
Ethernet

- LAN chip: dual Intel® I210AT Gigabit LAN
- Ethernet interface: 10/100/1000 Based-Tx Ethernet compatible

Mechanical & Environment

- Mounting: panel/wall/stand/VESA 100mm x 100mm
- Power input: 12~30VDC

Dimension Drawing



- Power adapter: Optional AC to DC power adapter (+12V, 60W)
- Vibration:
  - IEC 68 2-64 (w/ HDD)
  - 1Grms @ sine, 5~500Hz, 1hr/axis (HDD operating)
  - 2Grms @ sine, 5~500Hz, 1hr/axis (CFast operating)
  - 2.2Grms @ random condition, 5~500Hz, 0.5hr/axis (non-operating)
- Shock:
  - IEC 68 2-27
  - HDD: 20G@wall mount, half sine, 11ms
- Operating temperature: -5°C to 50°C
- Storage temperature: -20°C to 75°C
- Operating humidity: 10%~90% relative humidity, non-condensing
- Dimension: 329 x 280 x 69.3mm
- Weight: 4Kg

Certifications

- CE approval
- FCC Class A

OS Support Lists

- Windows 8 32bit/64bit
- Windows 7 32bit/64bit
- WinCE 7.0

Ordering Information

Barebone

- **OPPC 1540T (P/N: 90IQ1540T00X0)**
  15" XGA LED backlight touch Panel PC with Intel® Atom™ E3826 1.46 GHz, touch screen, 2GB DDR3L with 2x RS232/422/485

Options

- **12V, 60W AC/DC power adapter w/o power cord (P/N: 7400060017X00)**

OPPC 1740T

17” TFT SXGA 4:3 Fanless Open Frame PC with Intel® Atom™ E3826, 1.46GHz, Touch Screen, 2GB DDR3L, 3x USB, 2 x COM and VGA

Main Features

- 4:3 17 “ XGA fanless LED panel computer
- Intel® Atom™ E3826/J1900 dual core, low power consumption CPU
- PS2 KB/MS/Line-out/dual GbE/3 x USB
- 2 x RS232/422/485/2nd display-VGA/2 x mini-PCIe sockets/1 x CFast
- Remote power switch
- DDR3L 2GB/2.5” HDD bracket
- Support JMobile HMI and CODESYS SoftLogic (optional)
- Mounting support: panel/wall/stand/VESA 100mm x 100mm
- Wide range power input 12~30VDC

Product Overview

Incorporated a 17” 4:3 touch screen LCD panel with resolutions up to 1024 x 768 (XGA) and 420 nits brightness. It is specially designed with bezel-less display which allows customers to design front bezel according to their application requirements without any limitation. The OPPC 1740T are fanless Panel PC based on the Atom™ E3826/J1900 processor. The OPPC 1740T supports WWAN/WLAN expansion and others via dual Gigabit Ethernet connectors, two Mini-PCIe slots and one SIM card holder.

With support for wide power input of 12V~30V, OPPC 1740T can gain a strong foothold in industrial field and machine devices. In addition, OPPC 1740T can hook 2nd display via a VGA port for dual independent display. OPPC 1540T has two isolated RS232/422/485 ports.

Specifications

Panel

- LED Size: 17", 4:3
- Resolution: SXGA 1280 x 1024
- Luminance: 350cd/m²
- Contrast ratio: 1000
- LCD color: 16.7M
- Viewing angle: 80(U), 80(D), 85(L), 85(R)
- Backlight: LED

Touch

- 5-wire resistive
- Light transmission: 80%
- Interface: USB

System

- CPU: On-board dual core Intel® Atom™ processor E3826 1.46GHz, 1M L2 Cache
- Processor: Intel® Celeron® J1900 processor, 4C, 2.0GHz, 2MB Cache (optional)
- BIOS: AMI BIOS
- System memory: 2 x 204-pin DDR3L SO-DIMM socket, 2GB DDR3L (default), support up to 8GB DDR3L-1066/1333, non-ECC and un-buffered
- Storage Device:
  - 1 x external locked CFast socket
  - 1 x hard drive bay: optional 1 x 2.5" SATA HDD or 1 x SATA DOM
- Watchdog timer: Watchdog timeout can be programmable by software from 1 second to 255 seconds and from 1 minute to 255 minutes (tolerance 15% under room temperature 25°C)
- H/W status monitor: Monitoring system temperature, and voltage
- Expansion: 2 x mini-PCIe sockets (support optional Wi-Fi or 3.5G module)

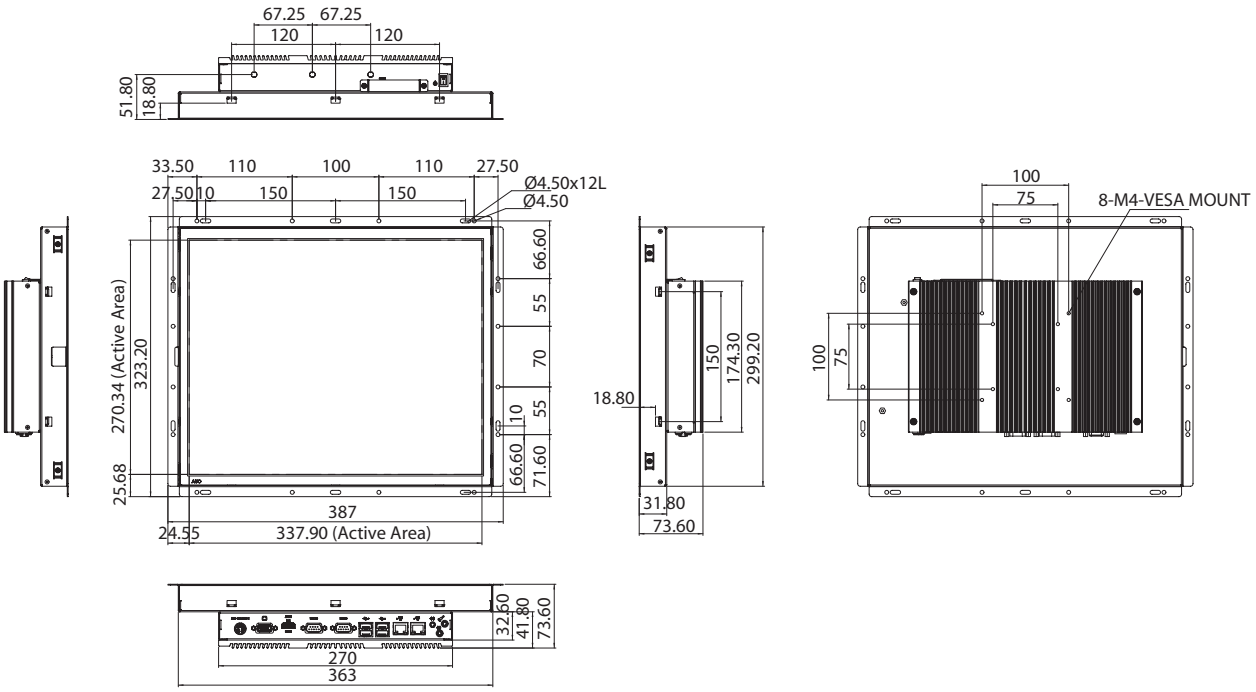
Rear I/O

- PS2 keyboard/mouse
- Audio port: 1x Line-out
- Remote power switch
- Ethernet: 2x RJ45
- USB: 2 x USB 2.0; 1 x USB 3.0
- COM #1: RS232/422/485
- COM #2: RS232/422/485
- Reset button
- 2nd display VGA port: 1 x DB15
- Power switch

Audio

- AC’97 codec: Realtek ALC886-GR
- Audio interface: Line-out/Line-in (optional)/MIC-in (optional) audio Jack

Dimension Drawing



Ethernet

- LAN chip: dual Intel® I210AT Gigabit LAN
- Ethernet interface: 10/100/1000 Based-Tx Ethernet compatible

Mechanical & Environment

- Mounting: Panel/wall/stand/VESA 100mm x 100mm
  Power input: 12~30VDC
  Power adapter: Optional AC to DC power adapter (+12V, 60W)
- Vibration:
  IEC 68 2-64 (w/ HDD)
  1Grms @ sine, 5~500Hz, 1hr/axis (HDD Operating)
  2Grms @ random condition, 5~500Hz, 0.5hr/axis (Non-operating)
- Shock:
  IEC 68 2-27
  HDD: 20G@wall mount, half sine, 11ms
- Operating temperature: -5°C to 50°C
- Storage temperature: -20°C to 75°C
- Operating humidity: 10%~90% relative humidity, non-condensing
- Dimension: 387 x 323.2 x 73.6mm
- Weight: 5.6 kg

Certifications

- CE approval
- FCC Class A

OS Support Lists

- Windows 8 32bit/64bit
- Windows 7 32bit/64bit
- WinCE 7.0

Ordering Information

Barebone

- **OPPC 1740T (P/N: TBD)**
  17" XGA LED backlight touch panel PC with Intel® Atom™ E3826 1.46 GHz, touch screen, 2GB DDR3L with 2 x RS232/422/485
- **OPPC 1740T-J1900 (P/N: TBD)**
  17" XGA LED backlight touch Panel PC with Intel® Atom™ J1900 2.0 GHz, touch screen, 2GB DDR3L with 2 x RS232/422/485

Options

- **12V, 60W AC/DC power adapter w/o power cord (P/N: 7400060019X00)**

OPPC 1940T

19” TFT SXGA 4:3 Fanless Open Frame PC with Intel® Atom™ E3826, 1.46GHz, Touch Screen, 2GB DDR3L, 3 x USB, 2 x COM and VGA

Main Features

- 4:3 19" SXGA Fanless Panel Computer
- Intel® Atom™ E3826, dual core, low power consumption CPU
- PS2 KB/MS/Line-out/Dual GbE/3x USB
- 2 x RS232/422/485/2nd display-VGA/2 x Mini-PCIe sockets/1 x CFast
- Remote power switch
- DDR3L 2GB/2.5" HDD bracket
- Support JMobile HMI and CODESYS SoftLogic (optional)
- Mounting support: Panel/Wall/Stand/VESA 100mm x 100mm
- Wide range power input 12~30VDC

Product Overview

Incorporated a 19" 4:3 touch screen LCD panel with resolutions up to 1280 x 1024 (SXGA) and 350 nits brightness. It is specially designed with bezel-less display which allows customers to design front bezel according to their application requirements without any limitation. The OPPC1940T are fanless Panel PC based on the Atom™ E3826 processor. The OPPC 1940T supports WWAN/WLAN expansion and others via dual Gigabit Ethernet connectors, two Mini-PCIe slots and one SIM card holder.

With support for wide power input of 12~30VDC, OPPC 1940T can gain a strong foothold in industrial field and machine devices. In addition, OPPC 1940T can hook 2nd display via a VGA port for dual independent display. OPPC 1940T has two isolated RS232/422/485 ports.

Specifications

Panel

- LED size: 19", 4:3
- Resolution: S XGA 1280x1024
- Luminance: 350cd/m^2
- Contrast ratio: 1000:1
- LCD color: 16.7M
- Viewing angle: 80(U), 80(D), 85(L), 85(R)
- Backlight: LED

Touch

- 5-wire resistive
- Touch light transmission: 80%
- Touch interface: USB

System

- CPU: On-board Intel® Atom™ Dual Core processor E3826, 1.46GHz, 1M L2 Cache
- BIOS: AMI BIOS
- System memory: 2 x 204-pin DDR3L SO-DIMM socket, 2GB DDR3L (Default), Support up to 8GB(4GB+4GB) DDR3L-1066/1333, Non-ECC and Un-buffered
- Storage device:
  - 1 x external locked CFast socket
  - 1 x hard drive bay: optional 1 x 2.5" SATA HDD or 1 x SATA DOM
- Watchdog timer: Watchdog timeout can be programmable by software from 1 second to 255 seconds and from 1 minute to 255 minutes (tolerance 15% under room temperature 25°C)
- H/W status monitor: monitoring system temperature, and voltage
- Expansion: 2 x Mini-PCIe sockets (support optional Wi-Fi, 3.5G module)

Rear I/O

- PS2 keyboard/mouse
- Audio port: 1 x Line-out
- Remote power switch
- Ethernet: 2 x RJ45
- USB: 2 x USB2.0; 1 x USB3.0
- COM #1: RS232/422/485
- COM #2: RS232/422/485
- Reset button
- 2nd display VGA port: 1 x DB15
- Power switch

Audio

- HD Codec: Realtek ALC886-GR
- Audio interface: Line-out/Line-in (Optional)/MIC-in (Optional) audio Jack

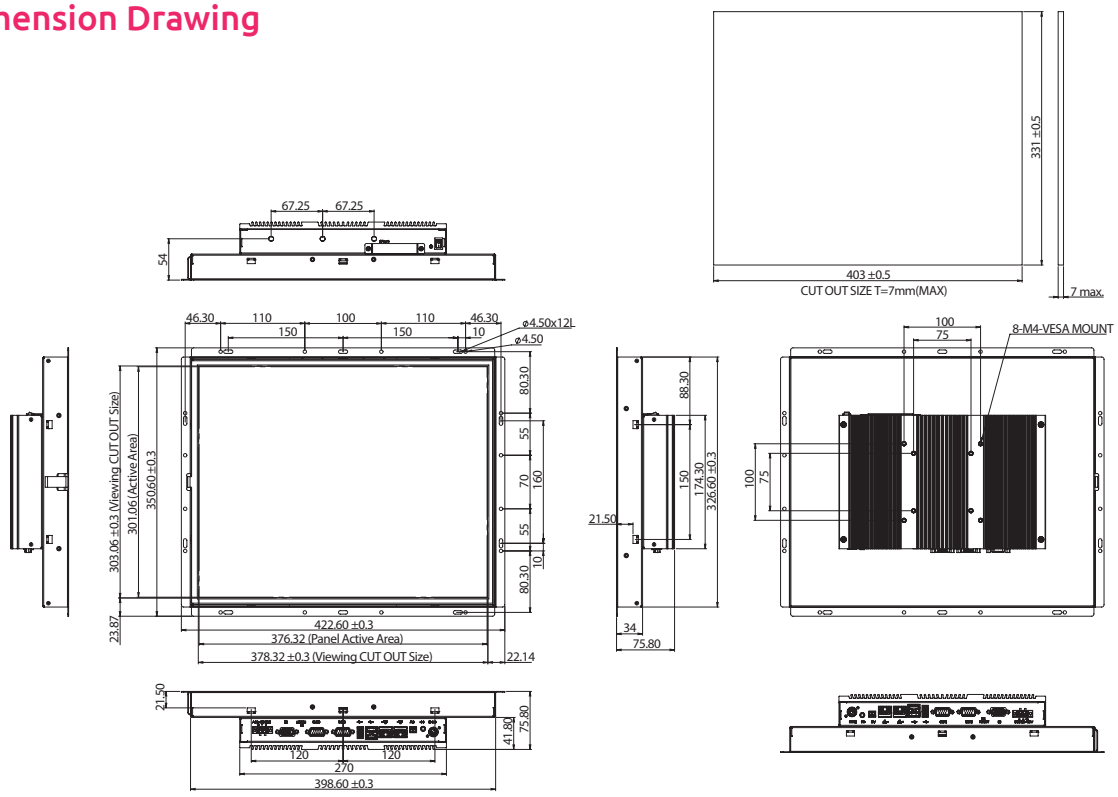
Ethernet

- LAN chip: dual Intel® I210AT Gigabit LAN
- Ethernet interface: 10/100/1000 Based-Tx Ethernet compatible

Mechanical & Environment

- Mounting: panel/wall/stand/VESA 100mm x 100mm

Dimension Drawing



- Power input: 12~30VDC
- Power adapter: Optional AC to DC power adapter (+12V, 60W)
- Vibration:
  - IEC 68 2-64 (w/ HDD)
  - 1Grms @ sine, 5~500Hz, 1hr/axis (HDD operating)
  - 2Grms @ sine, 5~500Hz, 1hr/axis (CFast operating)
  - 2.2Grms @ random condition, 5~500Hz, 0.5hr/axis (non-operating)
- Shock:
  - IEC 68 2-27
  - HDD: 20G@wall mount, half sine, 11ms
- Operating temperature: -5°C to 50°C
- Storage temperature: -20°C to 75°C
- Operating humidity: 10%~90% relative humidity, non-condensing
- Dimension: 422.6(W) x 350.6(H) x 73.2(D)mm
- Weight: 6.15Kg

Certifications

- CE approval
- FCC Class A

OS Support Lists

- Windows 8 32bit/64bit
- Windows 7 32bit/64bit
- WinCE 7.0

Ordering Information

Barebone

- **OPPC 1940T (P/N: 90IQ1940T00X0)**
  19" S XGA LED backlight touch Panel PC with Intel® Atom™ E3826 1.46 GHz, touch screen, 2GB DDR3L with 2x RS232/422/485

Options

- **12V, 60W AC/DC power adapter w/o power cord (P/N: 7400060017X00)**

TPPC 2210

In-Vehicle Signage Panel PC

Powered by Intel® Celeron® Processor N2807 1.58GHz

Main Features

- Intel® Celeron® N2807
- Wide range DC input from 9~36V
- Front bezel compliant with IP54
- Tempered glass
- Fan Less
- Supports Video over IP technology (Daisy Chain)
- Supports W-Fi, GPS, and 3G module

Product Overview

TPPC 2210 is 21.5" 16:9 LCD with resolutions to 1920 x 1080 (Full HD) and industrial motherboard making it the perfect "AIO" In transit panel PC solution. VESA mount Kit (optional) design for easy installation almost any location, including retail outlets, supermarkets, train station, airports and Bus. It is compliant to in-vehicle industrial standard, like E/e-Mark.

Support Daisy chain HDMI/VGA over IP technology, it let multimedia signal easy to use one CAT5E cable to extend TV display Up to 60M or longer distance It can be maximum connected to eight displayer, but also to signal for a longer extension, the whole system more flexible.

Specifications

LCD Panel

- LCD size: 21.5", 16:9
- Resolution: full HD, 1920 x 1080
- Luminance: 500 cd/m²
- Contrast ratio: 3000
- LCD color: 16.7M
- Viewing angle: 89 (U), 89 (D), 89 (L), 89 (R)
- Backlight: LED

CPU Support

- Intel® Celeron® processor N2807 1.58GHz

Chipset

- SoC (codenamed Intel® Baytrail-M)

Graphics

- Intel® HD Graphics

Main Memory

- 1 x 204-pin SO-DIMM socket, Supports DDR3L 1333MHz non-ECC, un-buffered memory up to 4GB

I/O Interface

- 1 x 9~36V, 3-pin (Power, Ignition, Ground)
- 2 x USB2.0
- 1 x LAN
- 1 x COM port
- 1 x Power button
- 1 x Video over Cat5 Extender (Optional)

Audio

- AC'97 codec: Realtek ALC622
- Two 2W Speakers

Ethernet

- LAN chip: Realtek RTL8111G LAN Chip, support Gigabit LAN
- Ethernet interface: 10/100/1000 Based-Tx Ethernet compatible

Storage

- 1 x SATA 2.5"
- 1 x mSATA (share with mini-PCIe)

Expansion

- 1 x mini-PCIe slot (Full size)
- 1 x mini-PCIe slot (Half size)

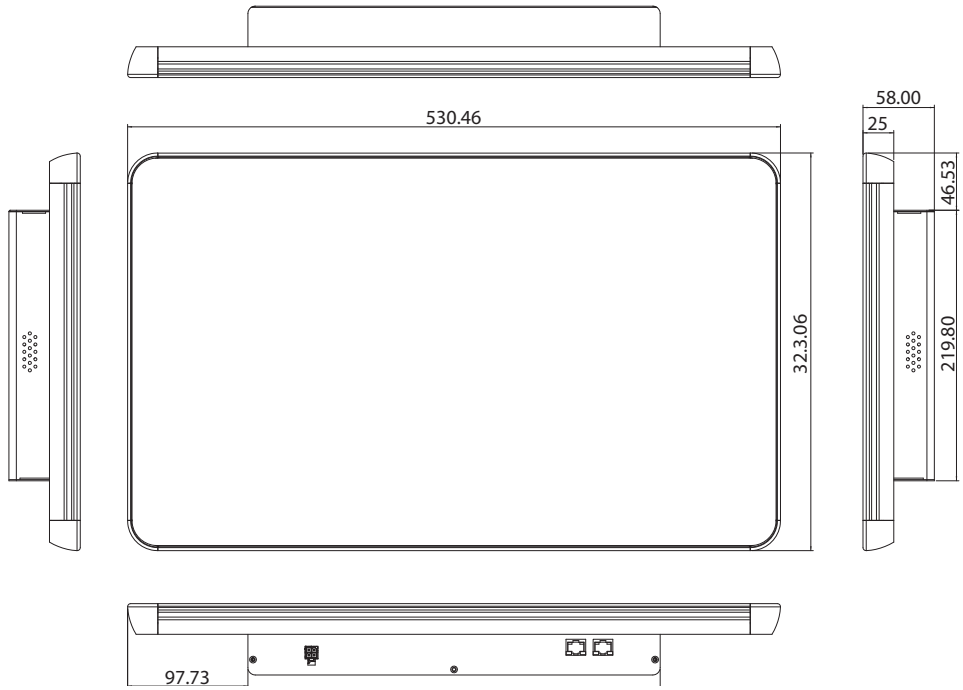
Environment

- Operating temperature: -10°C to 40°C
- Storage temperature: -20°C to 60°C
- Humidity: 10 to 90% (non-condensing)

Certification

- CE
- FCC
- E/e-Mark

Dimension Drawing



Operating System

- Win7/WES7/Win8/WE8S/Win10/Linux

Mechanical

- Color: Pantone Black C
- Enclosure: Aluminum and Iron
- Mounting: support VESA75/100/200mm
- Ingress protection: Front bezel IP54
- Dimension: 528.46mm x 323.06mm x 58mm
- Weight: 7kg

Ordering Information

- **TPPC 2210 (P/N: TBD)**
  Include 1 x Cat5 Extender for support Daisy Chain HDMI/VGA over IP technology

TPPD 2200

21.5” In-Transit Display with CAT5 Interfaces

Main Features

- 21.5" full-HD TFT LCD panel
- Wide range DC input from 9~36V
- Front bezel compliant with IP54
- Tempered glass
- Supports Video over IP technology (Daisy Chain)

Product Overview

TPPD 2200 is 21.5” 16:9 LCD with resolutions up to 1920 x 1080 (Full HD) industrial displayers. It is a Video over IP Receiver; it also a Video over IP Extender. VESA mount Kit (Optional) designs for easy installation almost any location, including retail outlets, supermarkets, train station, airports and Bus. It is compliant to in-vehicle industrial standard, like E/e-Mark.

Support Daisy chain HDMI/VGA over IP technology, it let multimedia signal easy to use one CAT5E cable to extend TV display Up to 60M or longer distance. It can be maximum connected to eight displayer, but also to signal for a longer extension, the whole system more flexible.

Specifications

LCD Panel

- LCD size: 21.5", 16:9
- Resolution: full HD, 1920 x 1080
- Luminance: 500 cd/m²
- Contrast ratio: 3000
- LCD color: 16.7M
- Viewing angle: 89 (U), 89 (D), 89 (L), 89 (R)
- Backlight: LED

I/O Interface

- 1 x 9~36V, 3-pin (Power, Ignition, Ground)
- 1 x Video over Cat5 Receiver Input
- 1 x Video over Cat5 Extender Output

Environment

- Operating temperature: -10°C to 40°C
- Storage temperature: -20°C to 60°C
- Humidity: 10 to 90% (non-condensing)

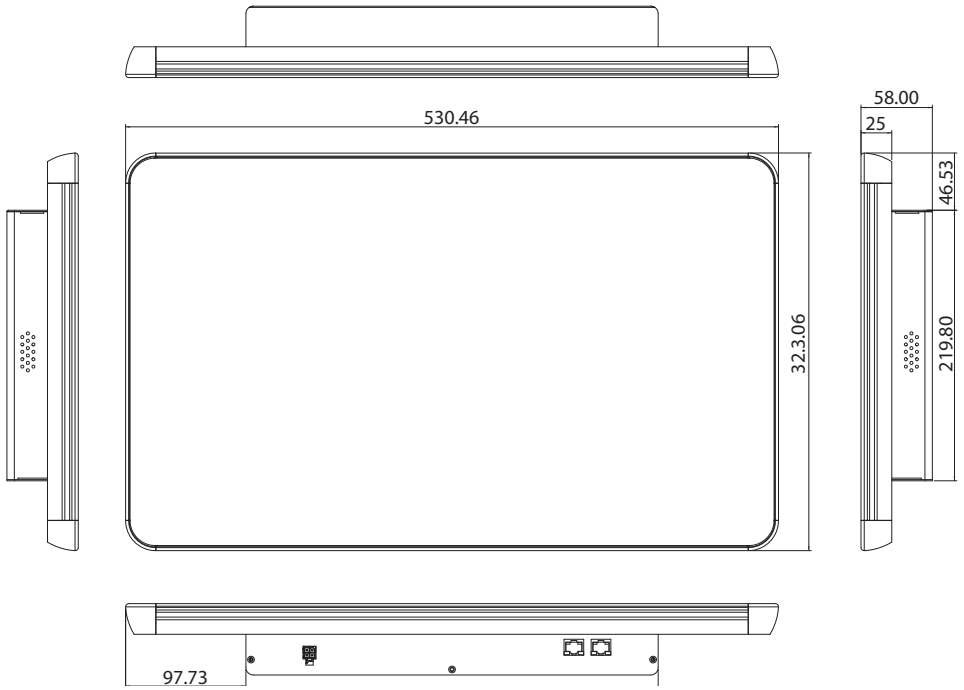
Certification

- CE
- FCC
- E/e-Mark

Mechanical

- Color: Pantone Black C
- Enclosure: Aluminum and Iron
- Mounting: support VESA75/100/200mm
- Ingress protection: Front bezel IP54
- Dimension: 528.46mm x 323.06mm x 58mm
- Weight: 7kg

Dimension Drawing



Ordering Information

- **TPPD 2200 (P/N: TBD)**

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