



The Intelligent Systems

Interact & Engage,
Innovate User Experience



2016 Interactive Signage Platform

- Digital Signage Player
- Digital Signage Appliance
- Video Wall Signage Solutions
- Passenger Signage Solutions

ISP

Interactive Signage Platform

Digital Signage Player

Digital Signage Player Appliance

Video Wall Signage Solutions

Passenger Signage Solutions

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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), Interactive Signage Platform (ISP), 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: factory automation (FA), robotics, industrial PC & PPC, IoT gateway Industrial Wireless & Firewall Solutions Intelligent System Services: embedded computing and customization services
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
ISP	Interactive Signage Platform: digital signage, interactive kiosk
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 ratio 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

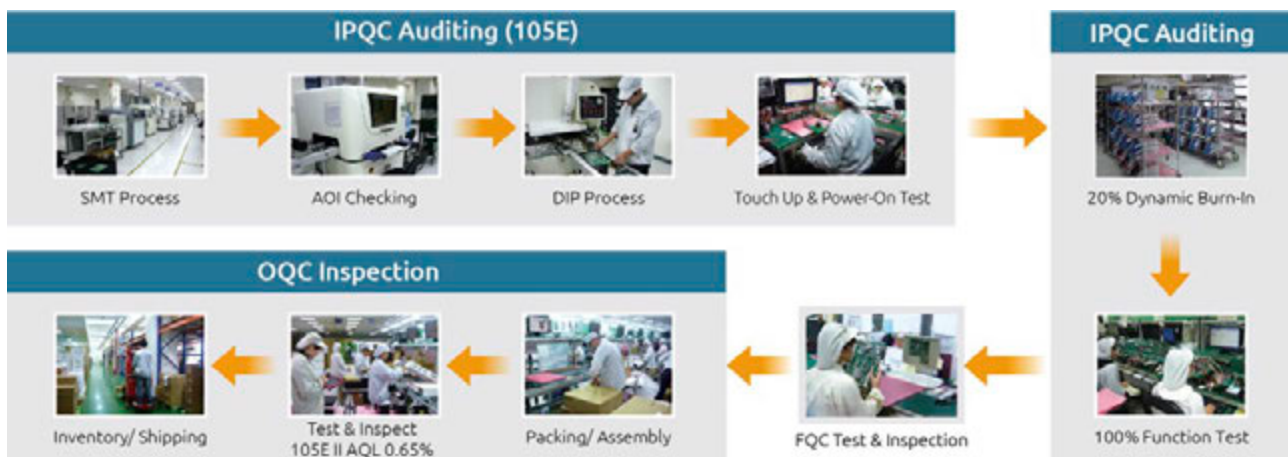
The manufacturing of delicate products requires a high-level technology, craftsmanship, standards and time-to-market efficiency. Over years continual investment in advanced manufacturing equipment and systemic training programs has enabled NEXCOM to obtain optimal manufacturing efficiency.

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

m.nexcom.com

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.

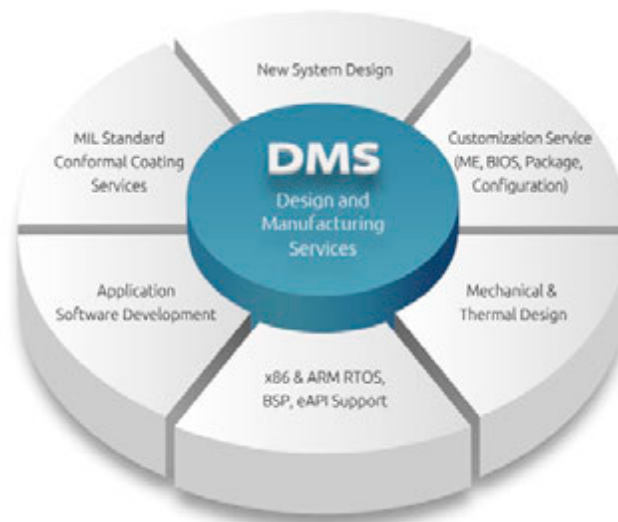
Scope of DMS Work

■ 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 Harsh 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.

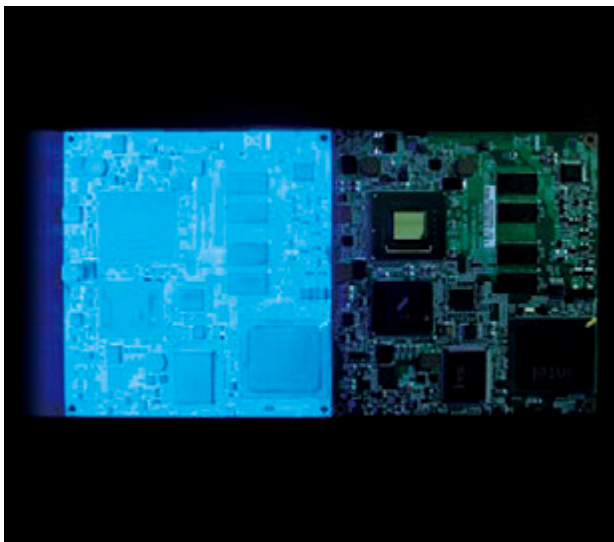
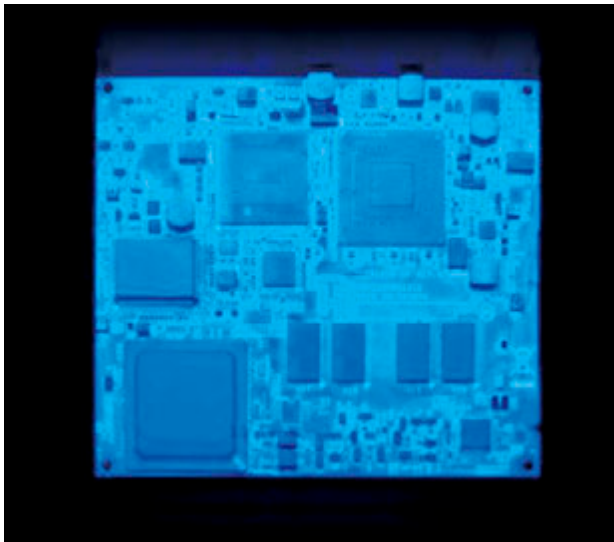
Smart Masking Technology

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

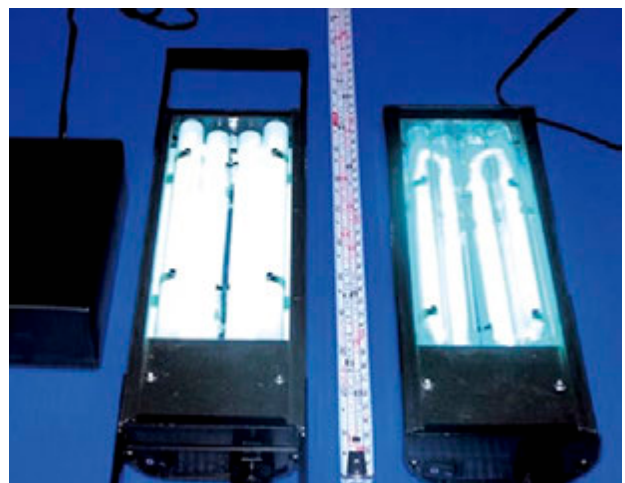
NEXCOM's deflux cleaning system is also equipped with an onboard cleanliness testing system which allows a user to program a desired cleanliness level. This assures that cleanliness levels will be consistent batch after batch.

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.

Digital Communication Revolution

The Most Effective Communication Tool to Target Audience

Digital signage delivers stunning messages to target audience and create experiences that are engaging and compelling, empowering customers to build brand image. Well-designed digital signage can dynamically update its content based on location context, send out real-time information updates over a network connection, engage customers with immersive visuals and interactive features, and provide personalized information and advertisement. Such experience that digital signage brings is influential and many industries including transportation, retail, hospitality, and food service are now showing increasing interest in its deployment.



Embedded Systems Tailored to Improve Digital

Communications

To cope with the growing demand, NEXCOM, with decades of solid experience in industrial computing, is dedicated to providing industrial-grade and high-performance digital signage players. NEXCOM offers a full range of digital signage players to address various requirements for digital signage applications, covering from cost-effective, low-power consumption, entry-level yet powerful media players, to high-end media players with multi-display, video wall applications.

Value Proposition

Digital signage technology and its supportive infrastructures have grown mature throughout the years with more and more signage applications integrated into our daily lives. Contents such as advertising, branding, product information, live messages, and real-time multimedia broadcasting have given us an enriched digital experience. Interactive signage, on the other hand, has provided responsive engagement which further enhancing user experiences. Soon, supportive IoT infrastructures will bring in new connected experiences where signage across various industries can connect with nearby smart devices and offer a new level of personalized interactions.

NEXCOM provides advanced digital signage solutions with new product service models, ranging from single-product designs to complete enterprise solutions that fit customers' business scenarios and usage. To achieve this, NEXCOM's product design focuses on the following:

Industrial-grade Reliability

The NDiS series of digital signage players are designed with industrial components, ruggedized and vandal-proof constructions that can withstand environmental variations including wide temperatures and other hazardous factors, reducing the maintenance uncertainty.

Optimized Price-Performance

The NDiS series comes in entry-level to high-performance fanless models with an abundant choice. With models supporting single display to multiple displays at 4K resolution as well as models designed for OPS displays, the NDiS series can adapt to any application requirements and accelerate playbacks for various media formats with best price-performance values.

Integration and Longevity

Highly-integrated and miniature designs in slim

and compact dimensions allow easy integration with large display devices, along with reduced deployment and cabling costs. The product design also includes the support for legacy I/O interfaces so that customers can retain and reuse their legacy infrastructures. Furthermore, long product lifecycles and

strict revision control policies are in place to eliminate software compatibility hassles.

Application Scenario

A digital signage system consisting of media players, displays and content servers connected together can provide great flexibility to deliver stunning messages to target audience

at the right time and place. Compared to static signs, digital signage can showcase dynamic information with digital content that can be easily managed and updated remotely. Digital signage has been widely adopted in many applications. NEXCOM's target markets cover retails, quick service restaurants, transportation, and hospitality.



NEXCOM's Specialties in Digital Signage Revolution

Revolution

The popularity of digital signage is growing at a rapid pace, and applications within organizations are always evolving. In the never-ending quest for a better viewer experience, many new technologies are hitting the marketplace. In the coming omni-channel era, consumers receive information from all kinds of digital channels, including handheld devices, social media, and public broadcasting signage and so on. The revolution of media broadcasting moves digital signage into a new era.



Digital signage is everywhere, from indoor to outdoor, from restaurants to factories, from bus stations to running vehicles. However, digital signage will face various challenges in different applications. There is no single machine that fits all applications.

Ruggedize for 24/7 Operations

NEXCOM NDiS player is specifically designed for various digital signage applications. In harsh outdoor environments, digital signage players need to operate under extreme temperatures and dusty environments. Technologies applied to extend the MTBF (Mean Time Between Failure) will greatly decrease repair time and reduce maintenance costs. The NDiS fanless player adopts state-of-the-art fanless technology to avoid the use of legacy fan system, thus eliminating the chance of fan failure after running for certain period of time. The NDiS fanless player is also water- and dust-resistant, and able to survive in wide temperature environments.

NDiS digital signage players offer uncompromised reliability to ensure 24/7 operation.

- Long operating hours
- Fanless design
- Thermal design
- Water-and dust-resistance
- Wide operating temperature
- Low power consumption

Create Resonating Experiences

Digital signage is surely not only for advertisement, but also improving shopping experience, keeping customer royalty, changing buying behavior, enhancing company brand and image. It's all about the customer experience. Great experiences keep customers coming back

again and again. SMB owners can interact with their customers whether they are in the store, on the website, or on a mobile device. It's always challenging to have a total view of customers and provide them with a seamless experience. But when implemented correctly, technology can surprise and delight your customers.

With the help of various sensor networks, store owners can push near field messages to mobile devices and collect accurate buying behavior. Not to mention IoT (Internet of Things) is going to totally change the outlook of digital signage. In the future, digital signage will have to interact with all types of products. As the digital signage industry continues to grow, the single screen with text, images and movie content will start to become "old hat." New eras of communication between these new products, digital signage, mobile and wearable technologies with the physical environment will be paramount.

NDiS' rich I/O ports simplify integration with location, communication, and sensor technologies. With BYOD, NEXCOM NDiS player creates personalized information and experience.



- NFC
- Beacons
- Wi-Fi
- GPS
- 3G/4G
- Temperature sensors
- Humidity sensors
- Camera
- Gesture sensors
- Mobile devices

Focus Thorough Detailing

The world we live will become a global network of computers, data, sensors, cameras, databases, devices, and virtual

artifacts all communicating to impact our daily lives. We are in a prime position to embrace this technological rise and extend applications further to provide truly unique and groundbreaking solutions connecting digital signage as a critical IoT element.

During this tremendous transition, NEXCOM plays a role to provide the best solution to all customers. From head to tail, NEXCOM overlooks every detail, thoroughly from design, test, and implementation to refine, integrate, and analyze our solutions. The ultimate goal is to make sure 100 percent satisfaction from customers.

For various applications, NEXCOM is here to meet your demands

- Optimized platform
- Embedded OS
- Flexible screen size
- Compact for high-integration demand
- Long-lifespan guarantee

Product Portfolio

	NDiS B Series	NDiS M Series	NDiS A Series	NDiS P Series
Focus and Diversified Strategy	Best-in-case fanless box player	Plug-and-play manageable modular player	Rugged all-in-one display	Retail and transportation preconfigured solution
Advantages	<ul style="list-style-type: none">State-of-the-art fanless design with maximum performanceMore legacy I/OWider operating temperature, IP rating	<ul style="list-style-type: none">Fanless/low noise designLeading platform/best of breed performanceRemote manageability	<ul style="list-style-type: none">Vandal proof designRemote diagnostic/manageabilityLong-distance and daisy-chained multiple screens transmission lineFuture planning for secondary targets	<ul style="list-style-type: none">Cost-effective, reliable and easy to use digital signage solution for small to medium digital signage networks

NEXCOM Fuses Digital & Physical Retail with Responsive Store Solutions

Responsive stores cover all aspects of shopping experience from entrance to exit. They can be divided into digital shopping carts, digital shelf management system, in-store intelligent video system, virtual fitting rooms, and experience centers.

Responsive Stores: Win-wins for Retailers & Customers

Digital shopping carts provide personal shopping services such as style advice, product search, and wine recommendations. If customers have questions, these carts can show detailed product information with augmented reality technologies or connect to customer service centers. In addition, they can automatically scan and check out items in carts, shortening customers' queue time.

Retailers can use electronic shelf labels to keep product information up to date and make minute-by-minute pricing changes based on price comparison information. Also, digital shelf management system can connect to enterprise resource planning software (ERP) and automatic replenish system. When shelves run low, products can be automatically restocked without interrupting customers, thus delivering a more comfortable environment.

Informative and Thorough Shopping Experience

Integrated with cameras and sensors, the in-store intelligent video system can collect customer traffic flow and shopping behaviors for further analysis. With the 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 advertisements relevant to customers.

Virtual fitting rooms enable customers to try on clothes to check size and style virtually. Using 3D scanning, depth-sensing, and virtual reality, the latest virtual fitting rooms can convert the 2D front view into unprecedented immersive 3D experiences, allowing customers to visualize how apparel would look on them in every direction. They can even upload these fitting photos for peer feedback via social network. This 360-degree perspective can also be applied to furniture stores and car dealers for previewing interior design.

Retailers can establish digital experience between checkout counters and the exit. The digital-signage-enabled space can bring premium services and customer

interactions to reinforce brand image and perform customer satisfaction analysis.

Integrates Bricks with Clicks

Online shops still need the final piece of the puzzle to create physical interactions between customers and products and to enhance branding. Responsive store can bring eCommerce advantages into physical stores, closing the gap between online and in-store experiences. The format of responsive stores continues evolving with technological advancement and customer-behavior changes. The future of retail stores relies on retailers and system providers together.

Successful Factors

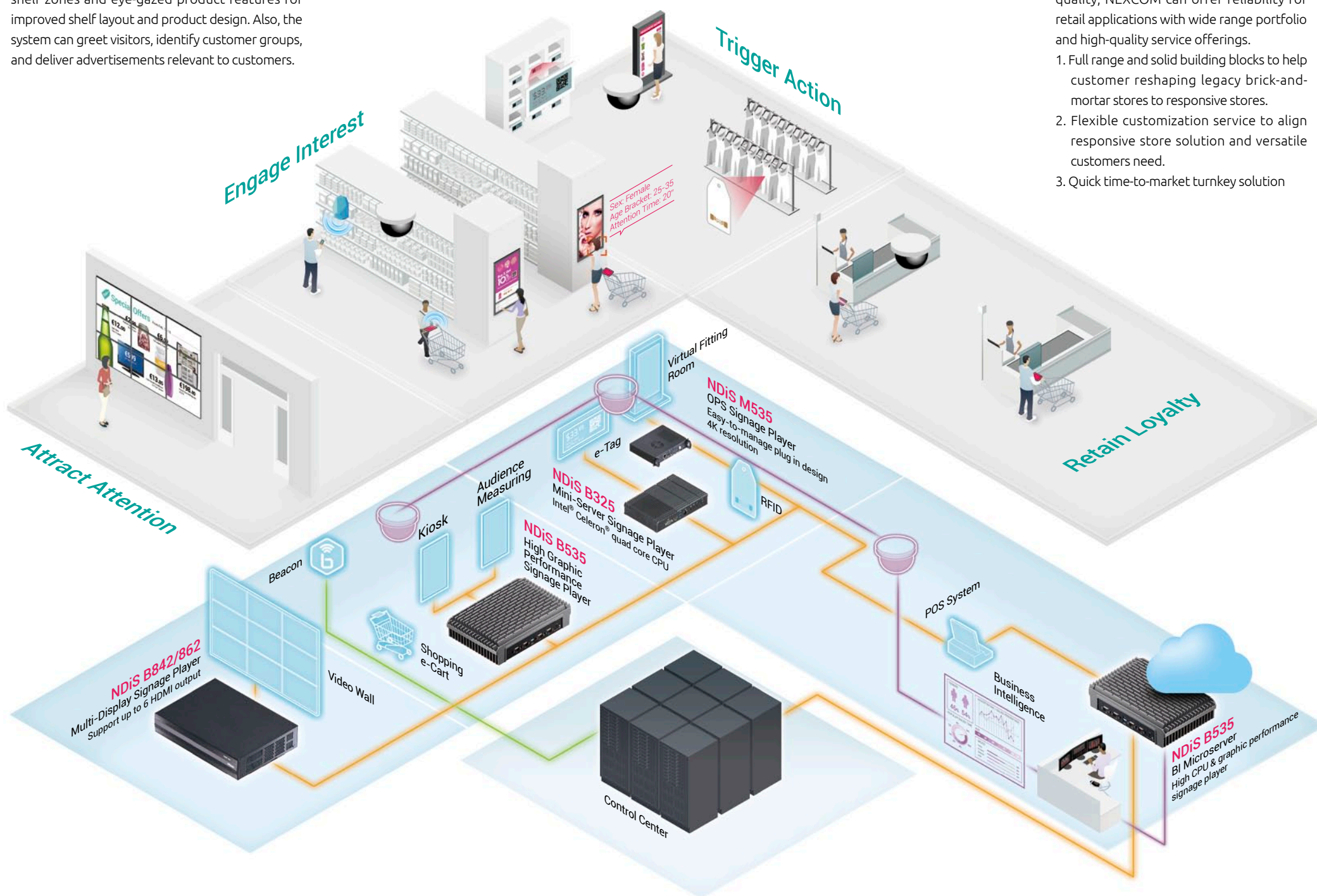
Retailers can exploit NEXCOM's solutions and build responsive stores to achieve the following objectives.

1. Attract customers' attention with rich media to bring traffic into retail stores.
2. Engage customers' interests with information and responsive digital experience.
3. Trigger buying action with relevant and real-time promotion to gain customer insight and intimacy.
4. Retain customer loyalty with intelligent video system.

NEXCOM's Strengths

With years of experience in industrial grade quality, NEXCOM can offer reliability for retail applications with wide range portfolio and high-quality service offerings.

1. Full range and solid building blocks to help customer reshaping legacy brick-and-mortar stores to responsive stores.
2. Flexible customization service to align responsive store solution and versatile customers need.
3. Quick time-to-market turnkey solution



Bring Convenient QSR Dining Experience with Digital Signage

More and more 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 effectively. As customers walk into QSRs, they expect to know latest promotions on digital menu boards and self-service kiosks. Going digital has enabled operators to change menu items and prices easily, not to mention more eye-catching displays than static menu boards. Also, when it comes to drive-thru menu boards, it presents a great opportunity to inform customers of everyday offerings and share latest promotions. The pre-sell menu boards and order confirmation systems improve the order accuracy and efficiency at QSRs.



With various in-store distractions, it's 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, allowing multiple displays side-by-side (in portrait or landscape mode) playing HD video and pictures. The central server can be remotely updated with menu schedules for real-time promotion, regardless of location. In addition to menu boards, it can also be used as a pre-sell advertising tool. For example, in waiting areas, digital signage can act as a single-source display to broadcast advertisements or upcoming events.

Successful Factors

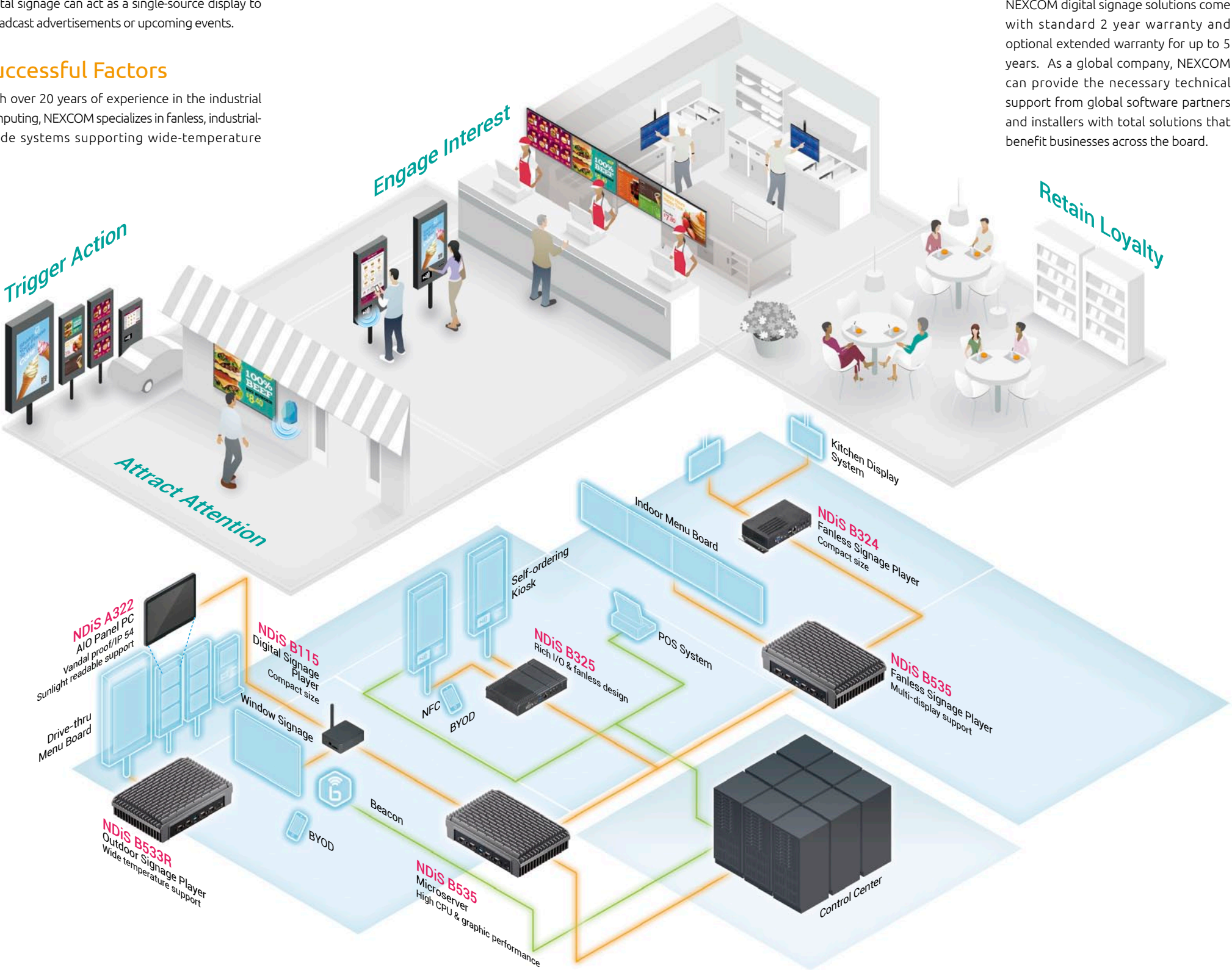
With over 20 years of experience in the industrial computing, NEXCOM specializes in fanless, industrial-grade systems supporting wide-temperature

applications that can be applied to drive-thru applications. Moreover, NEXCOM's fanless and industrial-grade aluminum chassis designs provide the reliability in both indoor and outdoor environments, accommodating variable weather conditions and harsh outdoor environments. For instance, when used indoors, the fanless design helps to prevent grease and dirt accumulation commonly associated in high-temperature, fast food stores.

NEXCOM also provides solutions for wide-temperature outdoor applications that are capable of operating the pre-sell menu boards under extreme weather conditions. For enhanced customer experience, NEXCOM offers a cutting-edge solution integrated with facial recognition software, allowing the system to offer customer's favorite menu, improve customer satisfaction, and create the interactive dining experience.

NEXCOM's Strengths

NEXCOM's digital signage solutions target QSRs with easy maintenance and cost efficiency to improve productivity and efficiency; this ultimately improves revenue and return on investment (ROI) for businesses. NEXCOM's managed digital signage network gives operators the flexibility and simplicity to control individual display, or as a tiled video wall from a centralized server. Furthermore, NEXCOM digital signage solutions come with standard 2 year warranty and optional extended warranty for up to 5 years. As a global company, NEXCOM can provide the necessary technical support from global software partners and installers with total solutions that benefit businesses across the board.



Maximize Transit Revenue with Real-time Infomercial Exposure

In recent years, digital signage is becoming more prevalent in transport industry and is considered as an effective tool to manage passengers flow. Not only crucial information can be delivered to passengers in real-time via digital signage, it also generates substantial revenue for transport operators as well as advertisement agencies.

At airport, train station or bus stop, digital signage improves travel experience by serving a variety of functions including time table display, service status, public announcement, and way-finding. To operators, centralized digital screens would enable them to manage traffics within terminals more effortlessly 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 advertisement.

Not limited to indoor uses, digital signage also increases its presence in semi-outdoor, and even outdoor condition. At bus stop, 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 and much more.

Successful Factors

In mission critical applications such as FIDS and PIDS, system reliability is the key to keep up service consistency and reduce maintenance effort to minimum. Centralized and proactive hardware remote monitoring technology like Intel® Active Management Technology (iAMT) could significantly minimize system downtime and accomplish faster, more effective response to failure call. Furthermore, to avoid interruption in daily operation, there is increasing trend to adopt modularized OPS (Open Pluggable Specification) to facilitate maintenance as well as to enable hassle-free deployment.

In mobile carriers like bus or train, it is mandatory for systems to withstand severe temperature variation from day to night and in the same time, robust enough to counteract vibration along the journey. On top of it, ability to access Wi-Fi/3G/4G connectivity is equally important and essential for real-time data transmission.

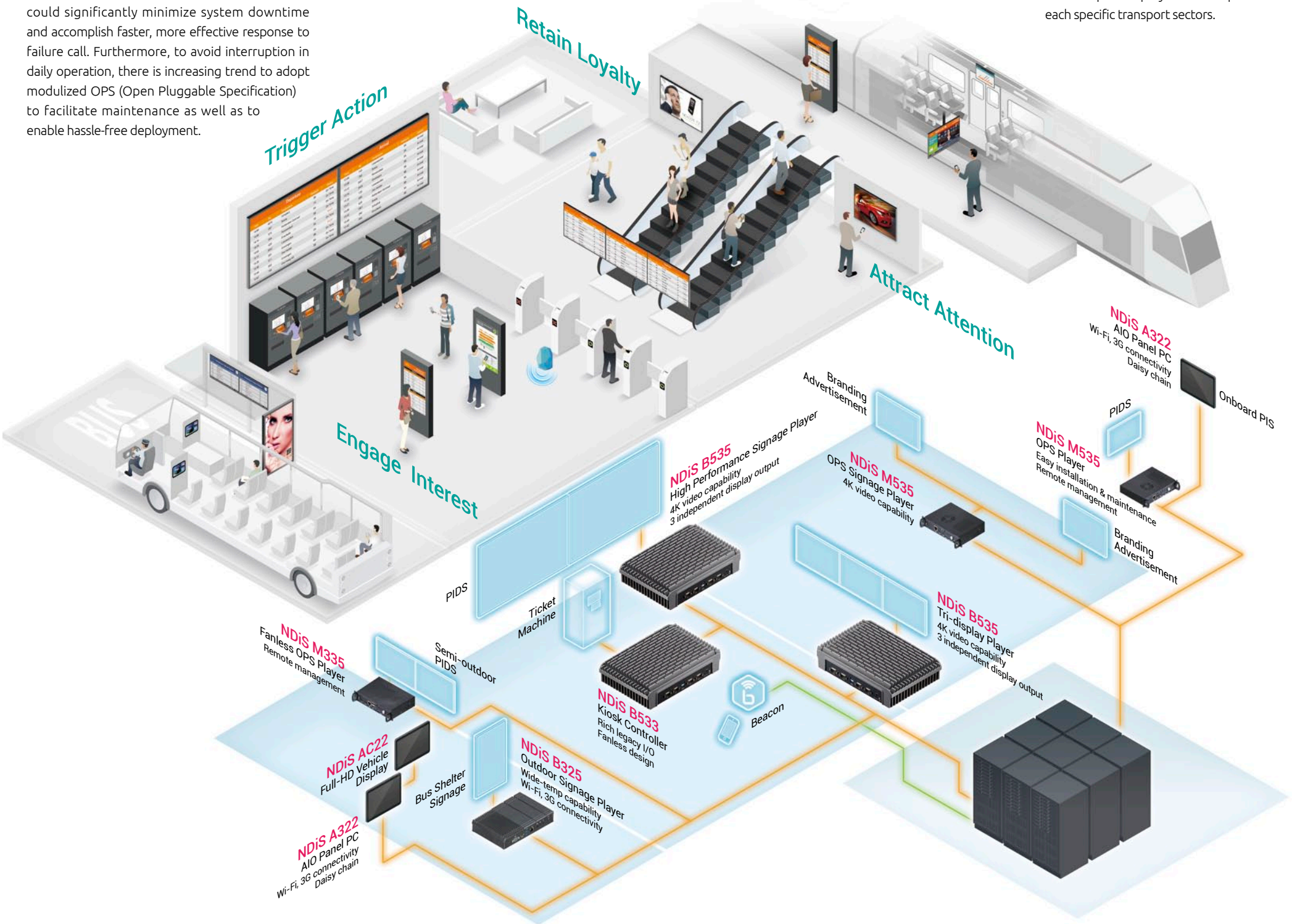
Again, to accommodate to harsh outdoor operating conditions at bus stops, system's capability to operate under high temperature condition must be addressed strongly.

NEXCOM's Strengths

Catering to fast growing demand for reliable, market-proven digital signage solutions for transportation applications, NEXCOM runs dedicated teams from mechanical design, software programming to technical support to serve the industry seamlessly, not to mention ruggedized, fanless industrial design for improved durability to fit into indoor and outdoor environments. Rich I/O ports are equipped for smooth integration with LCD displays

as well as external devices. Moreover, in response to the need for centralized hardware management in large scale deployment, iAMT & DASH remote monitoring features are available in NEXCOM platforms, with which customers can integrate to their existing or new central management backend with the development kit provided.

Last but not least, with vision to provide end-to-end digital signage solutions to transport industry, NEXCOM does not merely serve as a hardware platform manufacturer, but also provides bundled turnkey solutions to achieve quick deployment for operators in each specific transport sectors.



Hospitality Digital Signage Provides Guests with Pleasant Stay

The benefit of using hospitality digital signage is recognized by hotel, conference center, casino, resort, and other hospitality sites. It allows the venue owners to enhance services and show commitment to a satisfying guest experience. Eventually digital signage helps to provide guests a pleasant stay, increasing the possibility for repeat visits.

From welcoming guests in the lobby to reception area providing guidance of facilities, the hospitality digital signage can present guests dynamic news, live weather, traffic, and tourist information. In the lobby, corridor, and high traffic area, digital signage display or video wall effectively presents hotel brand image, services, and special offer. Digital signage also provides an easy way to display event listing with schedule, and direct visitors of way finding conveniently.



Successful Factors

The use of digital signage in hotel is to guide the guest in unfamiliar location, therefore requiring clear, captivating displays with high resolution to catch guests' attention. Ultra HD (4K2K) resolution video streams not only present information smoothly and clearly, but also contribute to hotel atmosphere with a sense of relaxation with elegance.

For sophisticated hotel decoration, the digital signage system should be compact size in order to fit or hide into walls easily without contradicting the decoration. The reliability and effortless maintenance of digital signage are a must. Besides sleek signage display, self-service touchscreen feature allows hotel guest to access

information more conveniently, reducing waiting time from reception desk. More and more hotel guests are engaged to use interactive kiosk and touchscreen technology for enhanced user experience.

NEXCOM's Strengths

Answering to the guest-centric requirement from hospitality market, NEXCOM, with profound experience and knowledge in embedded computing industry for more than 20 years, makes

it easy for hospitality venue owners to establish an affordable signage network across multiple facilities with reliable performance and minimum maintenance labor. Moreover, NEXCOM digital signage system features powerful transmission capability with compact design and rich I/O interface, interactive kiosk and many extra add-on devices supporting variable hotel digital signage applications.

NEXCOM signage system acts as a communication backbone which enables

information visualization. Guests can simply access to all kinds of up-to-date information efficiently and effectively from NEXCOM empowered high resolution multimedia contents or touch screen assisted self-service facilities. NEXCOM multiple display signage players allow the realization of enchanting video wall advisement concept. Overall, it is cost effective and ideal to deploy NEXCOM digital signage system for balance of hotel operation and business benefits, contributing a memorable hotel guest experience, and potential revenue streams from successful advertisements.



Product Selection Guide

Users can find the best suitable model for their own applications based on these four steps.

Confirm Scale for Applications

Small scale digital signage with one to three monitors can meet general advertising or promotional displays. Mid-to-large projects may require video walls with multiple displays to boost engagement with reinforced messages.

Define Applied Scenarios

Superb graphics and computing powers add extra values to entry-, middle-, and high-end markets such as remote update for simplified management, proof of view for marketing measurement, consumer behavior analysis for personalized ads, and business intelligence for optimized operations.

Choose Output Interfaces

With numerous interfaces available in the market including HDMI, VGA, DVI, and DisplayPort, be sure to choose equivalent, future-proof, or unified interfaces for simplified system integration or upgrade.







Examine Setup Environments

Since applied environments vary from embedded systems to semi-outdoor usage, users can rely on fanless models to avoid dust accumulation with enhanced heat dissipation.














Number of Display Outputs	Graphics Interface	HDMI	DP	VGA	DVI	Recommended Model	Thermal Management
	Performance						
1	ARM	1				NDiS B115	Fanless
	Atom™	1				NDiS 126	Fanless
2	Atom™	1		1		NDiS 126V, NDiS 127	Fanless
		2				NDiS 126H, NDiS M422	Fanless
	Celeron®	1		1		NDiS B324, NDiS B325	Fanless
		2				NDiS M324	Fanless
	Core™ i Series	1	1			NDiS B425	Fanless
3	Celeron®	3				NDiS M335	Fanless
	Core™ i Series	1		1	1	NDiS 166	Fanless
		1	1		1	NDiS 167	With Fan
		2	1			NDiS M532, NDiS M533, NDiS M535	With Fan
		3				NDiS B532, NDiS B533, NDiS B535	Fanless
4	Core™ i Series	4				NDiS B842	With Fan
6	Core™ i Series	6				NDiS B862	With Fan

OPS Module Player



Model						
	NDiS M324	NDiS M335	NDiS M422	NDiS M532	NDiS M533	NDiS M535
CPU	Intel® Celeron® 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® Gen7 Graphics	Intel® HD Graphics	AMD Radeon™ HD 6320	Intel® HD Graphics 4000	Intel® HD Graphics 4600	Intel® HD Graphic 530
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
Power Type	12-19V DC (via JAE connector)	12-19V DC (via JAE connector)	12-19V DC (via JAE connector)	12-19V DC (via JAE connector)	12-19V DC (via JAE connector)	12-19V DC (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

Box Player

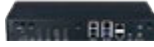
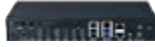
Model					
	NDiS B115	NDiS 126	NDiS 127	NDiS B324	NDiS B325
CPU	Rockchip RK3288	Intel® Atom™ D2550	AMD G-series T56N	Intel® Celeron® J1800	Intel® Celeron® N3150
Chipset	Embedded	Intel® NM10	Intel® AMD A55E	N/A	N/A
Graphic	MaliT760 (Embedded)	Intel® GMA 3650	ATI HD6320	Intel® Gen7 Graphics	Intel® HD Graphics
RAM	DDR3 2GB on board	DDR3 SO-DIMM, up to 4 GB	DDR3 SO-DIMM, up to 4 GB	DDR3L SO-DIMM, up to 4GB	DDR3L SO-DIMM, up to 8GB
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	1 x VGA, 1 x HDMI
Display Resolution	3840 x 2160	1920 x 1080	1920 x 1080	1920 x 1080	VGA: 1920 x 1080 HDMI: 3840 x 2160
Output Channel	1 Independent	2 Independent or Clone	2 Independent or Clone	2 Independent or Clone	2 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, VC1, H.264	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	N/A	Optional
RS-232	1 (UART)	1	1	1	1
USB 2.0	2	6	4	3	2
USB 3.0	N/A	N/A	N/A	1	4
Expansion Slot	N/A	1 x Mini-PCle	1 x Mini-PCle, 1 x Mini-PCle (Half)	1 x Mini-PCle (Half)	1 x Mini-PCle
Power Type	5V DC	12V DC	12V DC	19V DC	19V DC
Dimension (mm)	118 x 101 x 23.6	185 x 147 x 48.4	185 x 147 x 48.4	180 x 150 x 25	226.34 x 147.4 x 29
OS Support	Android 4.4	Win7/WES7	Win7/Win8/XP/WES7/ WE8S/WES2009/Linux	Win7/WES7/Win8/ WE8S/Win10/Linux	Win7/ WES7/Win8/ WE8S/Win10/Linux

					
NDiS 166	NDiS 167	NDiS B425	NDiS B532	NDiS B533	NDiS B535
2nd Generation Intel® Core™ rPGA Socket Type Processor	2nd/3rd Generation Intel® Core™ rPGA Socket Type Processor	4th Generation Intel® Core™ i3-4010Y/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)
Intel® QM67	Intel® QM77	N/A	Intel® QM77	Intel® Q87	Intel® Q170 PCH
Intel® HD Graphics 3000	Intel® HD Graphics 3000/4000	Intel® HD Graphics 4200	Intel® HD Graphics 4000	Intel® HD Graphics 4600	Intel® HD Graphics 530
2 x DDR3 DIMM, up to 16GB	2 x DDR3 DIMM, up to 16GB	1 x DDR3 DIMM, up to 8GB	2 x DDR3 SO-DIMM, up to 16GB	2 x DDR3 SO-DIMM, up to 16GB	2 x DDR4 SO-DIMM, up to 32GB
x2, 10/100/1000Mbps	x2, 10/100/1000Mbps	x1, 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
SATA DOM	SATA DOM	N/A	SATA DOM	SATA DOM	NGFF(M2) 22 x 42/22 x 80
1 x VGA, 1 x DVI-D, 1 x HDMI	1 x DisplayPort, 1 x DVI-I, 1 x HDMI	1 x DisplayPort, 1 x HDMI	3 x HDMI	3 x HDMI	3 x HDMI (2.0)
1920 x 1080	1920 x 1080	3840 x 2160	1920 x 1080	3840 x 2160	3840 x 2160
2 Independent or Clone	3 Independent or Clone	2 Independent or Clone	3 Independent or Clone	3 Independent or Clone	3 Independent or Clone
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: MPEG1, MPEG2, VC1, H.264	Hardware Decode: MPEG2, VC1, VP8, H.264, H.265
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	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	N/A	Optional	Optional	Optional
2	2	1	2	2	4
4	N/A	N/A	N/A	N/A	N/A
N/A	4	4	4	4	6
2 x Mini-PCle	2 x Mini-PCle	1 x Mini-PCle (Half)	2 x Mini-PCle	2 x Mini-PCle	1 x Mini-PCle 1 x NGFF (M2) 2230
12V DC	12V DC	19V DC	12V DC	12V DC	12V DC
250 x 194 x 40	250 x 194 x 40	167 x 139 x 45	294 x 198 x 52	294 x 198 x 52	294 x 198 x 52
Win7/Win8/XP/WES7/ WE8S/WES2009/Linux	Win7/Win8/XP/WES7/ WE8S/WES2009/Linux	Win7/Win8/WES7/ WES8/Win10/Linux	Win7/Win8/XP/WES7/ WE8S/WES2009/Linux	Win7/Win8/XP/ WES7/WE8S/ WES2009/Win10/Linux	Win7/Win8/WES7/ WE8S/Win10/Linux

AIO PPC & Display

Model		
	NDiS A322	NDiS AC22
LCD Size	21.5"	21.5"
Resolution	1920 x 1080	1920 x 1080
Brightness	500 cd/m ²	500 cd/m ²
Contrast Ratio	3000	3000
Viewing Angle	178/178	178/178
Mounting	VESA/Vehicle mount (Optional)	VESA/Vehicle mount (Optional)
Dimension (mm)	528.46 x 323.06 x 58	528.46 x 323.06 x 58
Power Input	DC 9V to 36V	DC 9V to 36V
Optional Communication	Wi-Fi/WWAN/GPS	N/A
Video over CAT5	Optional	1 x RJ45 (Input) 1 x RJ45 (Output, Support Daisy Chain)
CPU	Intel® Celeron® N2807	N/A
Memory	DDR3L SO-DIMM, up to 4GB	N/A
Storage Interface	1 x 2.5" SSD 1 x mSATA	N/A
USB	2 x USB 2.0	N/A
COM	1 x COM	N/A
Ethernet	1 x 10/100/1000Mbps	N/A
Audio	2W speaker x 2	N/A
Expansion	1 x Mini-PCle (Full) 1 x Mini-PCle (Half)	N/A
Certification	CE, FCC Class A, E13	CE, FCC Class A, E13
Operation Temperature	-10°C ~ 40°C	-10°C ~ 40°C
OS Support	Win7/WES7/Win8/WE8S/Linux	N/A

Video Wall Player

Model		
	NDiS B842	NDiS B862
CPU	AMD R-series Dual/Quad Core	AMD R-series Dual/Quad Core
Chipset	AMD 70M	AMD 70M
Graphic	AMD Radeon™ E6760	AMD Radeon™ E6760
RAM	2 x DDR3 SO-DIMM, up to 16GB	2 x DDR3 SO-DIMM, up to 16GB
LAN	x2, 10/100/1000Mbps	x2, 10/100/1000Mbps
Hard Disk	1 x 2.5" SATA	1 x 2.5" SATA
Flash Storage	SATA DOM	SATA DOM
Video Output	4 x HDMI	6 x HDMI
Display Resolution	1920 x 1080	1920 x 1080
Output Channel	4 Independent, Expanded or Clone	6 Independent, Expanded or Clone
Video Capability	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
TV Tuner	Optional	Optional
RS-232	2	2
USB 2.0	2	2
USB 3.0	2	2
Expansion Slot	2 x Mini-PCle	2 x Mini-PCle
Power Type	12V	12V
Dimension (mm)	280 x 230 x 44	280 x 230 x 44
OS Support	Win7/WES7/Win8/WE8S/Linux	Win7/WES7/Win8/WE8S/Linux

2016 New Products

NDiS B115

Digital Signage Player

Powered by ARM® Cortex®-A17 Quad Core Processor

- 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
- Support Android



NDiS B425

Fanless Embedded Computer Powered by 4th Gen. Intel® Core™ Processor, Support 4K2K Resolution

- 4th generation Intel® Core™ i3-4020Y/i5-4210Y processor
- Intel® integrated HD4200 graphic engine
- 4K2K resolution support
- Fanless design



NDiS B535

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

- 6th generation Intel® Core™ processor
- Support 3 independent 4K2K 60Hz video out
- USB3.0 x 6, RS-232 x 4, Dual GbE LAN support
- Fanless design

NDiS M535

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

- 6th generation Intel® Core™ processor
- Support 3 independent 4K2K video out
- Dual DDR4 SO-DIMM support
- WWAN/WLAN/TV tuner support





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)

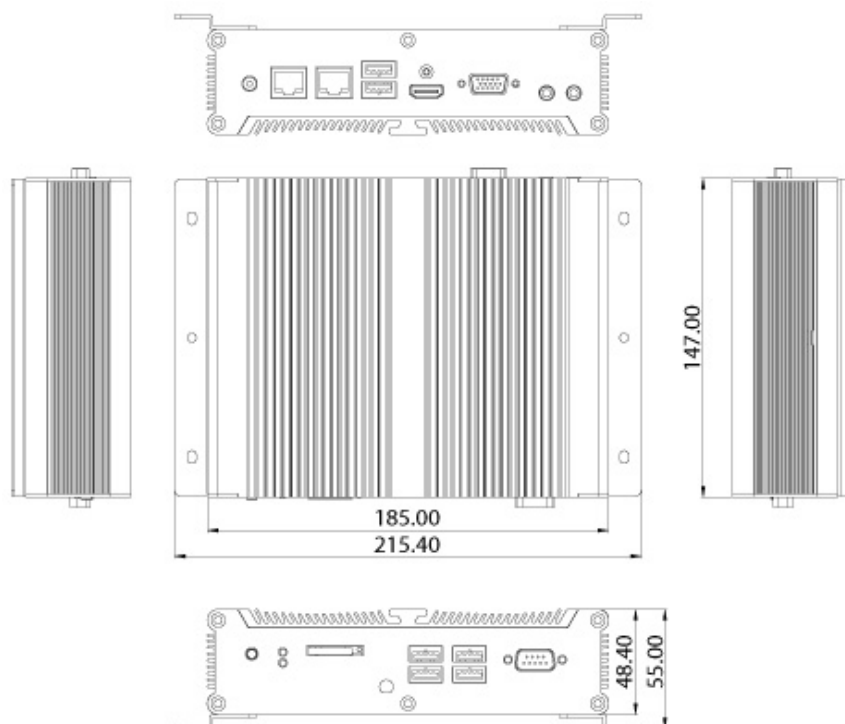
Certification

- 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



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 requirement 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)

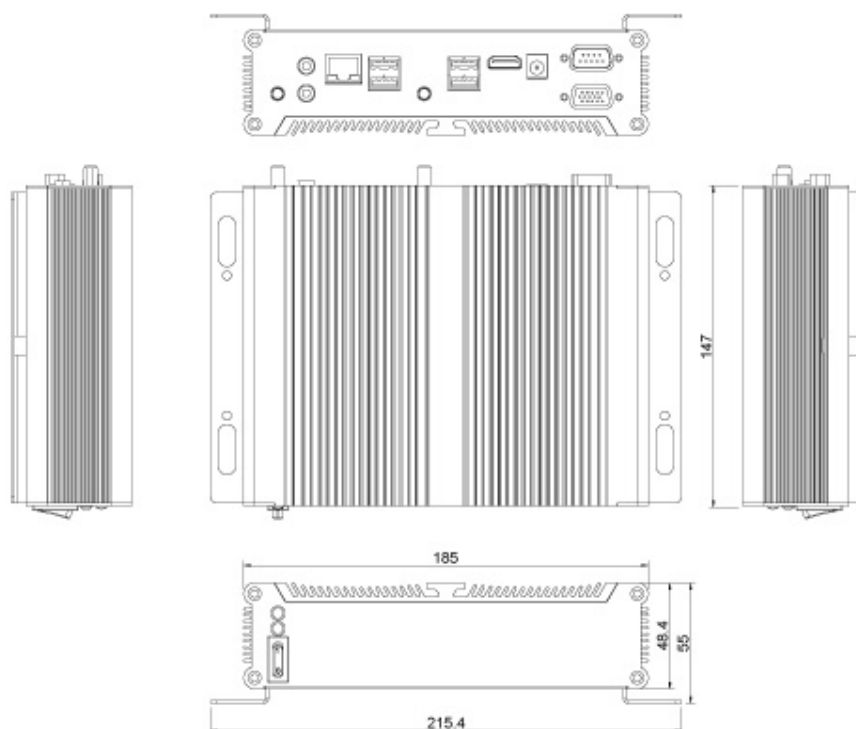
Certification

- 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



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)

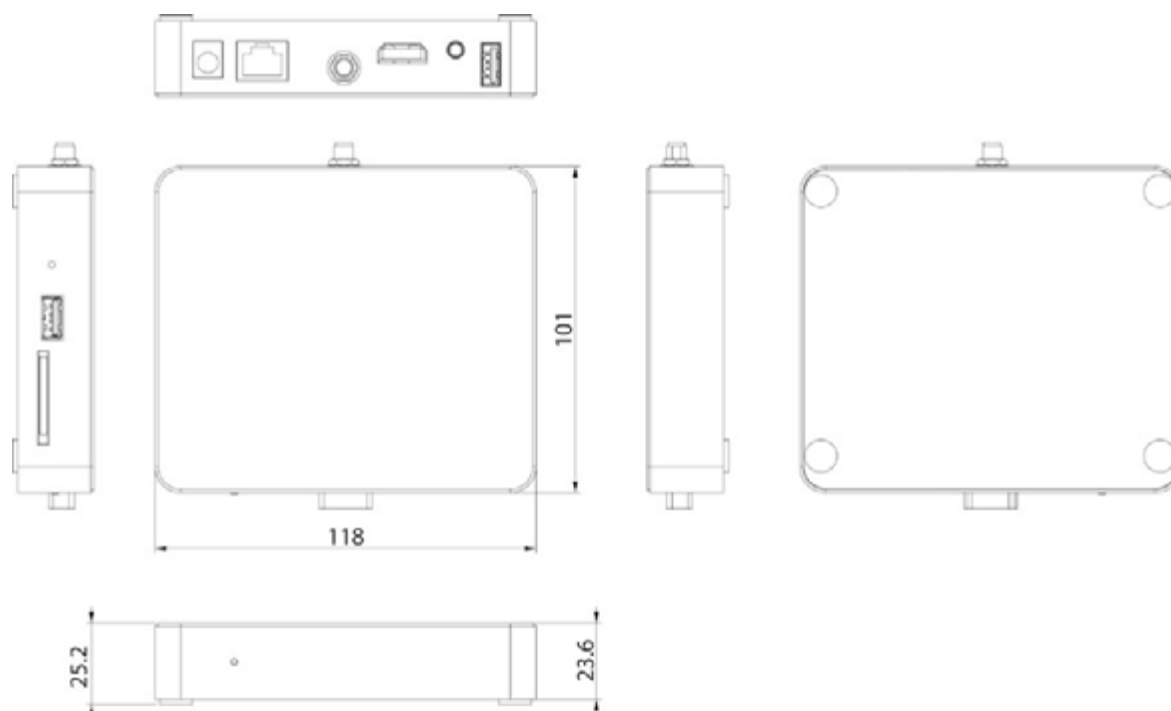
Environment

- ♦ 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



Main Features

- ♦ Intel® Celeron® processor J1800
- ♦ HDMI and VGA independent displays
- ♦ USB 3.0 support
- ♦ WLAN support
- ♦ Compact and fanless design

Product Overview

Powered by Intel® Celeron® processor J1800, NDiS B324 can handle very rich multimedia contents. With Intel® Celeron® processor low power consumption feature, NDiS B324 supports display output by HDMI and VGA ports. NDiS B324 is ideal as entry level digital signage player for advertising, hospitality and brand promotion application.

Specifications

CPU Support

- ♦ Intel® Celeron® J1800 2.41GHz onboard

Chipset

- ♦ Intel® BayTrail-D

Graphics

- ♦ Intel® HD Graphics

Main Memory

- ♦ 1 x 204-pin SO-DIMM socket, supports DDR3L 1333MHz non-ECC, unbuffered memory up to 4G

I/O Interface-Front

- ♦ 1 x USB 2.0
- ♦ 1 x USB 3.0
- ♦ 1 x COM port

I/O Interface-Rear

- ♦ 19V DC Power in
- ♦ 1 x VGA
- ♦ 1 x HDMI
- ♦ 2 x USB 2.0
- ♦ 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

- ♦ 180mm (W) x 150mm (D) x 25mm (H)

Power Supply

- ♦ 1 x External 65W AC/DC power adapter

Expansion

- ♦ 1 x mini-PCIe slot (half-size)

Environment

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

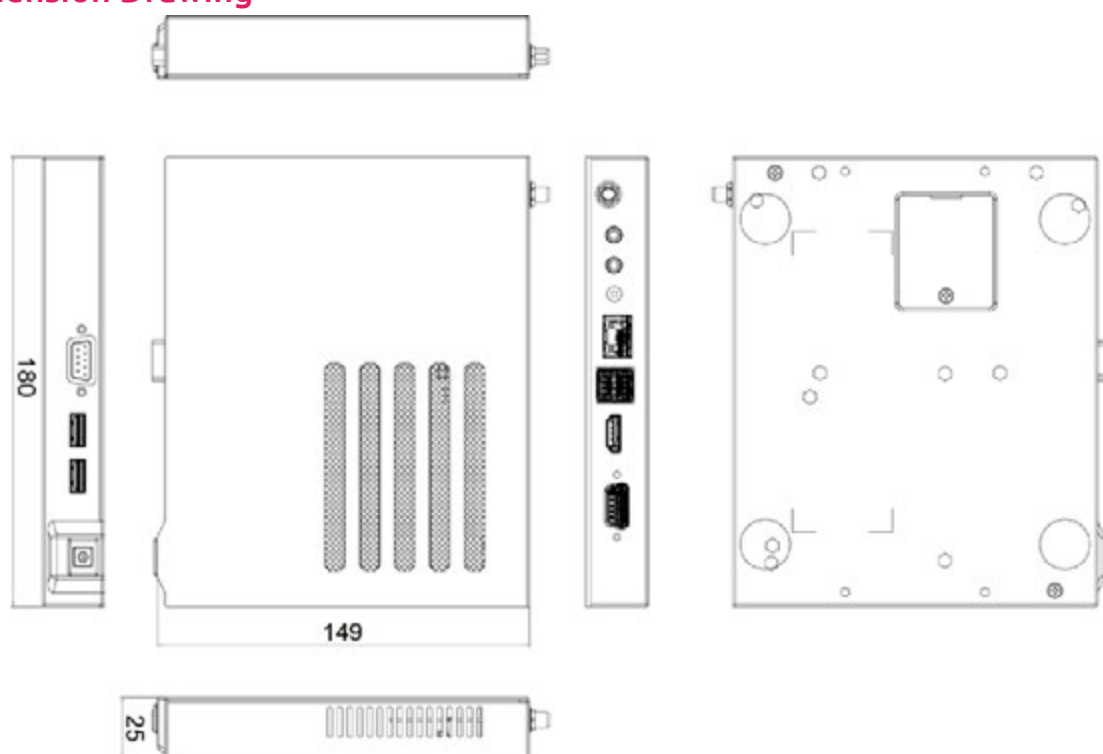
Certification

- ♦ CE approval
- ♦ FCC Class A

Operating System

- ♦ Win7/Win8/Win10/WES7/WE8S/Linux

Dimension Drawing



Ordering Information

- **NDiS B324 (P/N: 10W00B32400X0)**
Intel® Celeron® J1800 Dual Core fanless system



Main Features

- Intel® Celeron® Processor N3150
- HDMI(4K Resolution) and VGA independent displays
- USB 3.0 support
- WLAN support
- Compact and fanless design
- Wide Temperature Support

Product Overview

Powered by new generation Intel® Celeron® Processor N3150, NDiS B325 digital signage player can handle very rich multimedia contents. With Intel® processor low power consumption feature, NDiS B325 supports display output by HDMI and VGA ports. NDiS B325 is ideal as entry level digital signage player for advertising, hospitality and brand promotion application.

Specifications

CPU Support

- Intel® Celeron® Processor N3150 Quad Core 1.6GHz SoC processor, up to 2.08GHz

Graphics

- Intel® HD Graphics

Main Memory

- 1 x 204-pin SO-DIMM socket, supports DDR3L non-ECC, un-buffered memory up to 8G

I/O Interface-Front

- 2 x USB 2.0
- 2 x USB 3.0
- 1 x DB9 for RS232
- 1 x Power LED

I/O Interface-Rear

- 19V DC Power in
- 1 x VGA
- 1 x HDMI (4K Resolution)
- 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

Environment

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

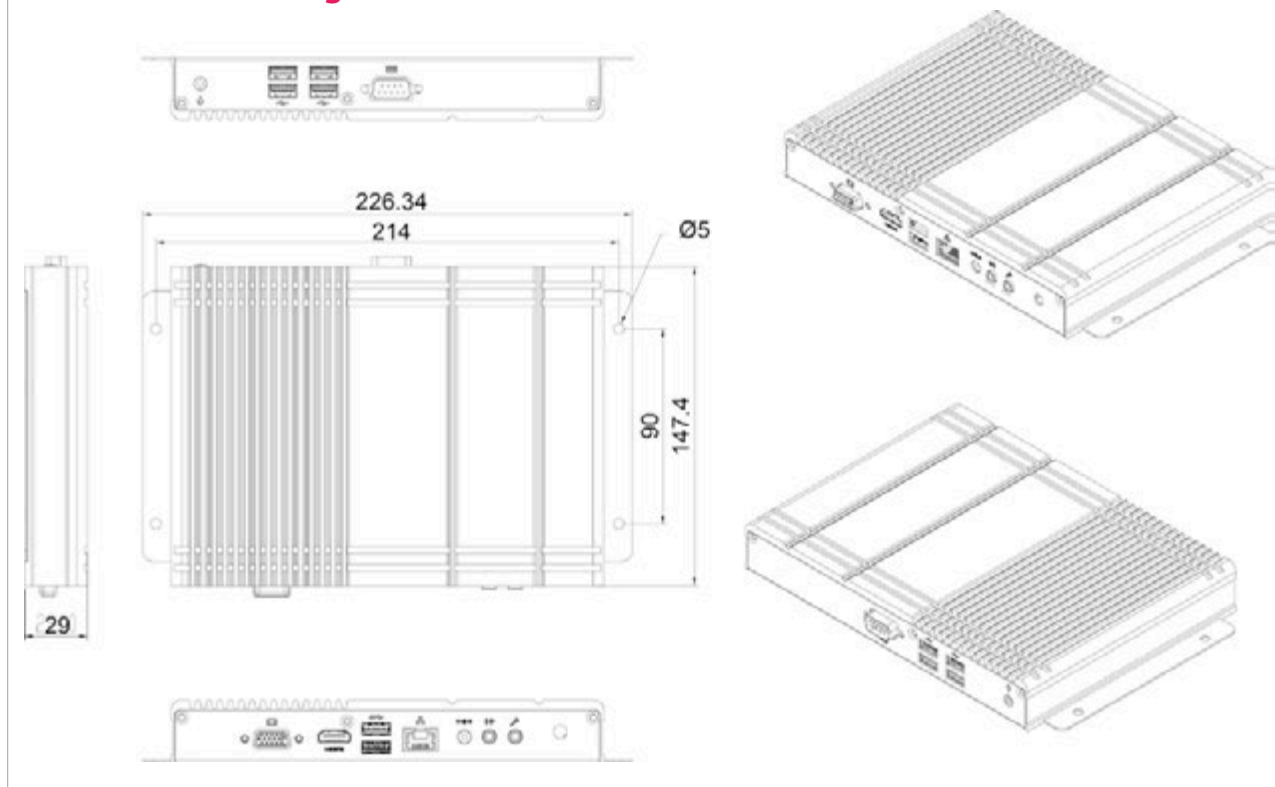
Certification

- CE approval
- FCC Class A

Operating System

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

Dimension Drawing



Ordering Information

- **NDiS B325 (P/N: 10WOOB32500X0)**
Intel® Celeron® N3150 Quad Core fanless system



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)

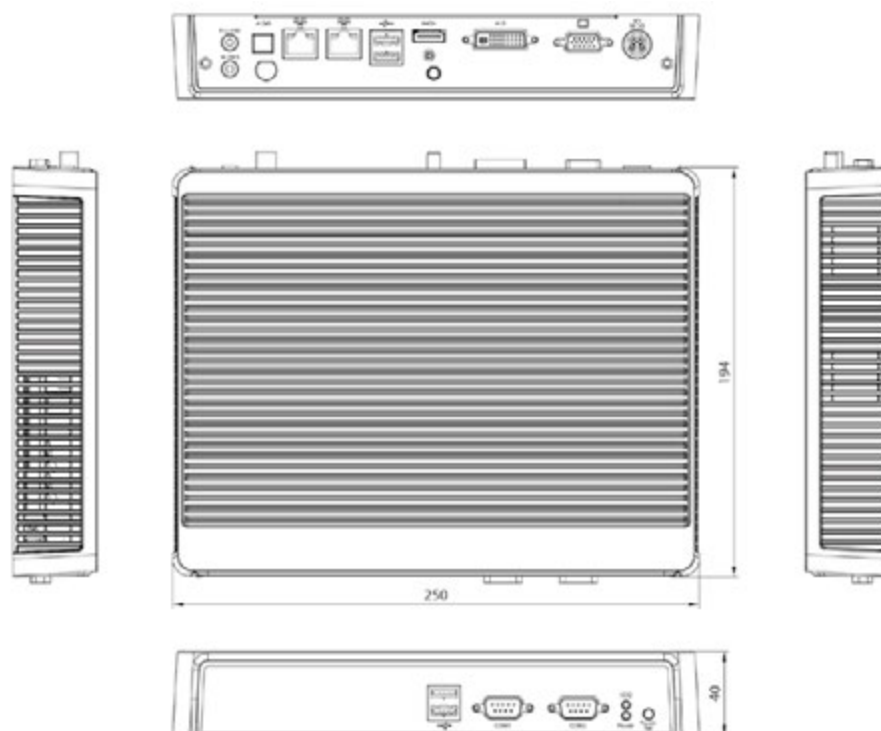
Certification

- 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



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 10/100/1000Mbps 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

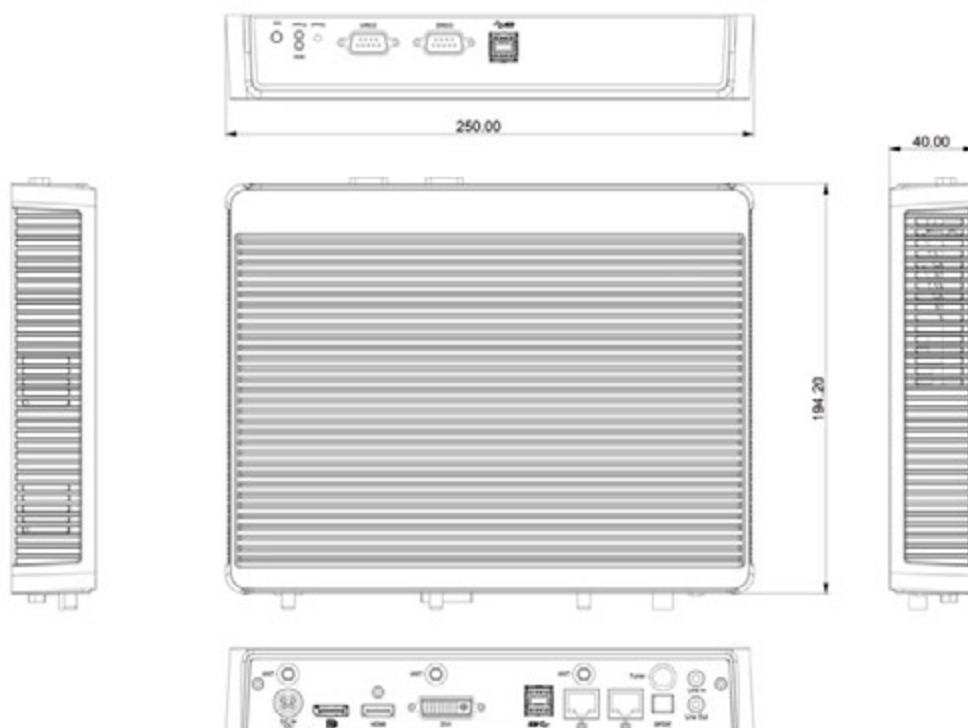
Environment

- ♦ 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



Main Features

- 4th generation Intel® Core™ i3-4020Y/i5-4210Y processor
- Intel® integrated HD4200 graphic engine
- DirectX® 11.1 support
- 4K2K resolution support
- Fanless design
- Compact and slim design

Product Overview

NDiS B425 come with compact fanless design and powered by 4th generation Intel® Core™ i3-4020Y/i5-4210Y processor; integrated with HD 4200 graphics controller. The digital signage player can offer impressive system performance and 4Kx2K videos. The NDiS B425 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™ i5-4210Y BGA type SoC processor
- 4th generation Intel® Core™ i3-4020Y BGA type SoC processor

Graphics

- Intel® integrated HD4200 graphic engine

Main Memory

- 1 x 204-pin SO-DIMM sockets, Support DDR3L 1333/1600MHz non-ECC, un-buffered memory up to 8GB

I/O Interface-Front

- 1 x Power Switch with LED
- 1 x HDD Status LED
- 1 x Line-out
- 1 x Mic-in
- 2 x Antenna Hole

I/O Interface-Rear

- +19V DC-in
- 1 x HDMI
- 1 x Display Port
- 1 x DB9 for RS-232
- 4 x USB3.0
- 1 x RJ45 with LED for 10/100/1000Mbps Ethernet
- 1 x eSATA

Storage

- 1 x 2.5" HDD/SSD

Dimensions

- 167mm (W) x 139.6mm (D) x 45mm(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 Half mini-PCIe for optional WLAN module

Environment

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

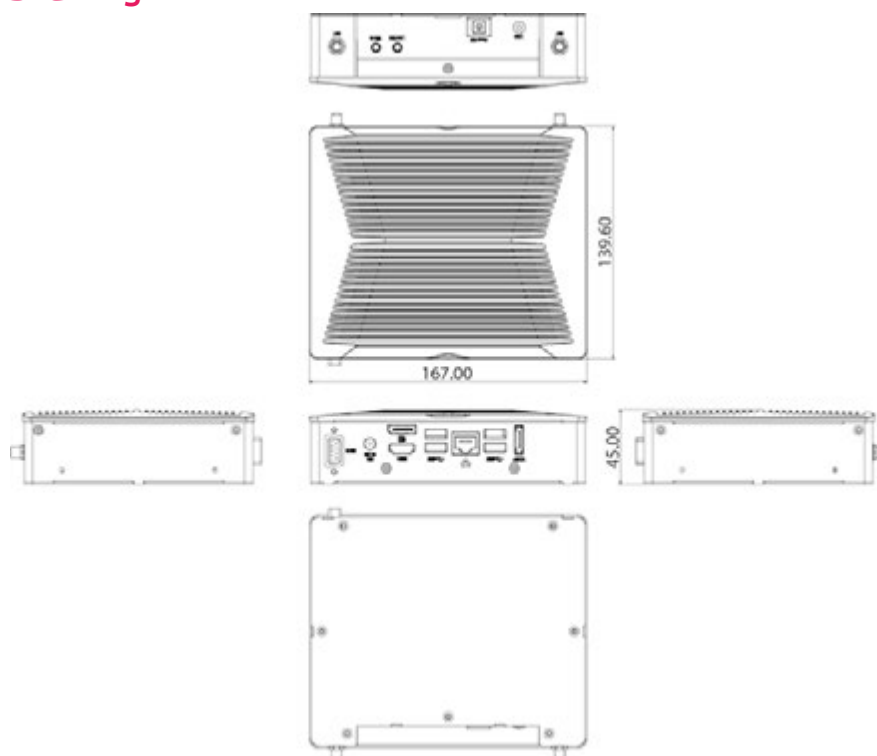
Certification

- CE approval
- FCC Class A

Operating System

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

Dimension Drawing



Ordering Information

- ♦ **NDiS B425 (P/N: 10W00B42501X0)**
4th generation Intel® Core™ i3-4020Y BGA type SoC processor fanless system
- ♦ **NDiS B425-4210Y (P/N: 10W00B42500X0)**
4th generation Intel® Core™ i5-4210Y BGA type SoC processor fanless system



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 10/100/1000Mbps 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 mounting bracket

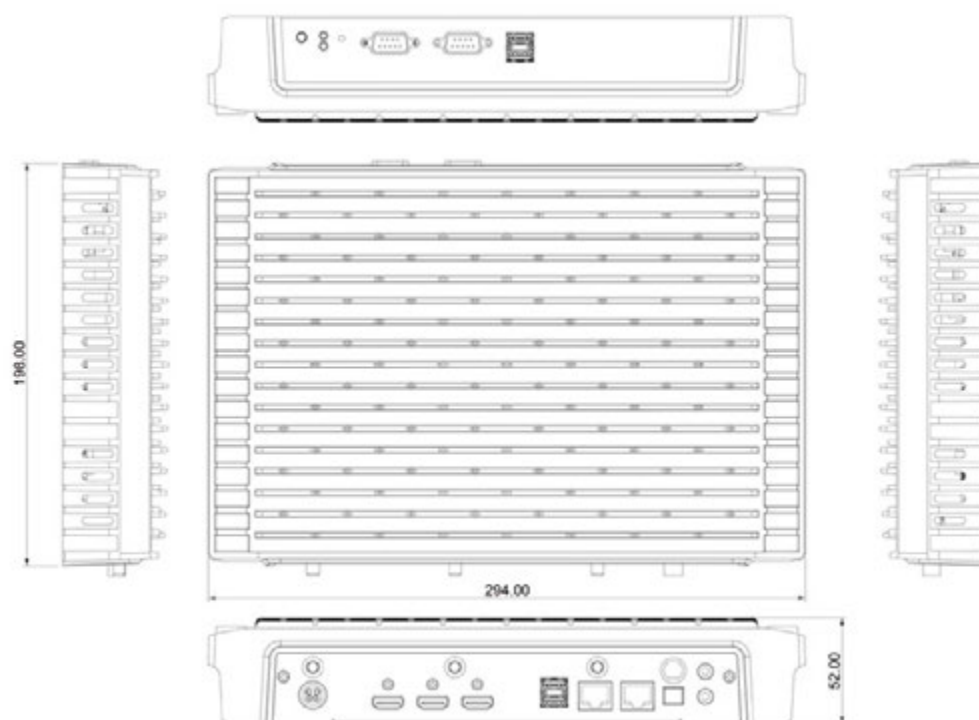
Power Supply

- 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



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 10/100/1000Mbps 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")
w/o mounting bracket

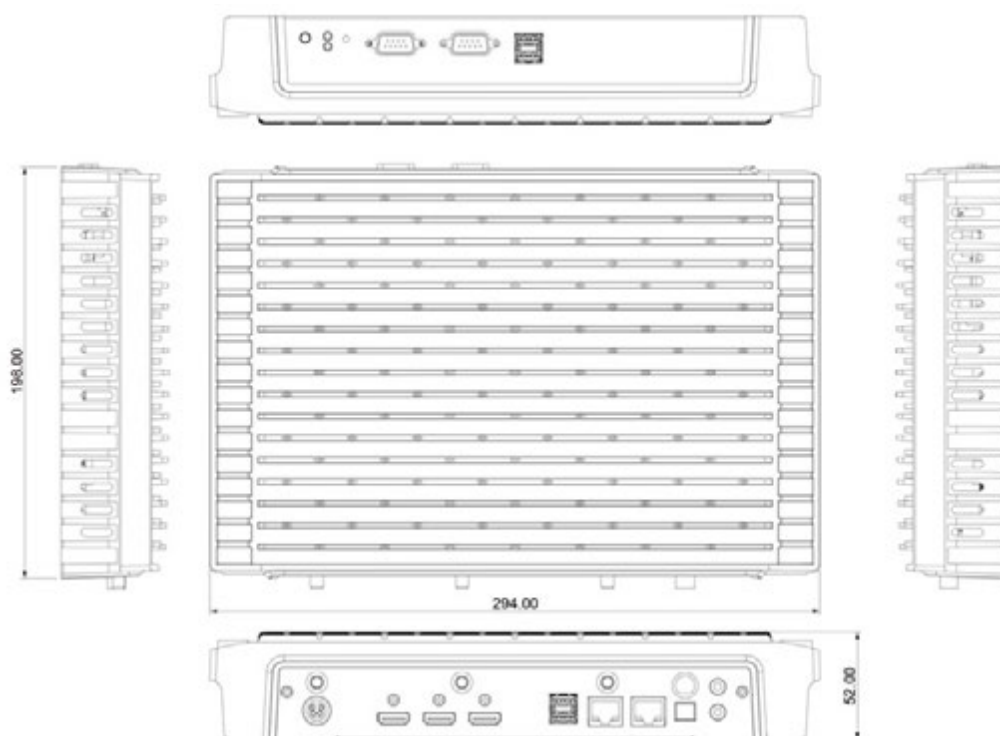
Power Supply

- ♦ 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



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
- NFGG 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
- 2 x USB3.0
- 2 x RJ45 with LED for 10/100/1000Mbps Ethernet
- 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)

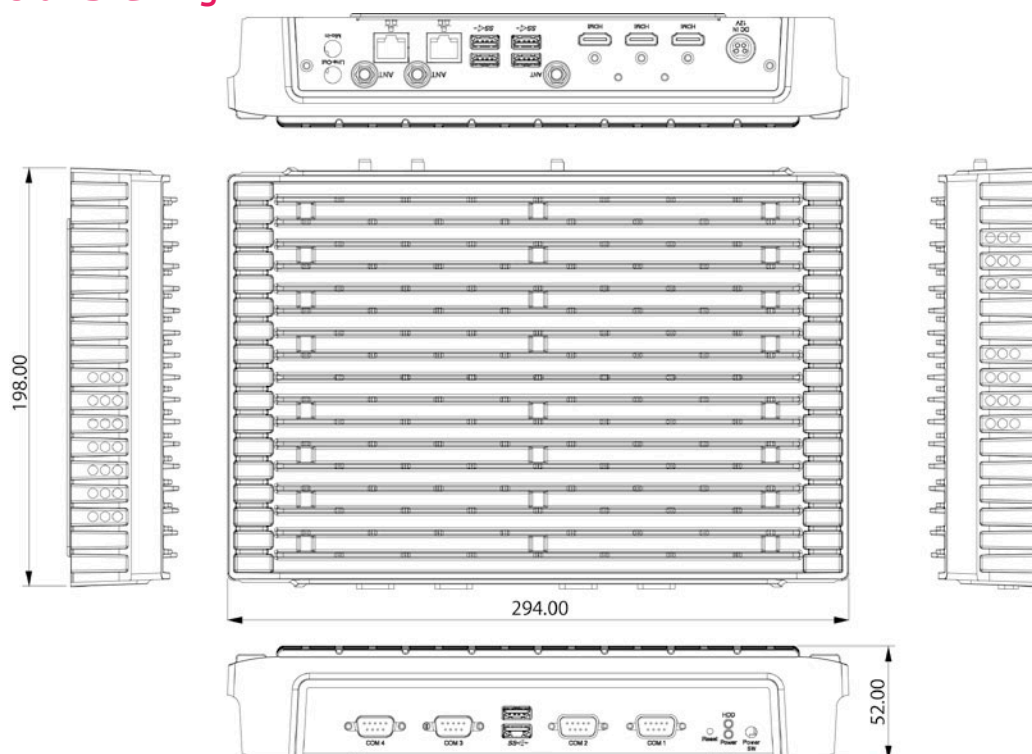
Certification

- CE/FCC Class A

Operating System

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

Dimension Drawing



Ordering Information

- **NDIS B535 (P/N: 10W00B53500X0)**
6th generation Intel® Core™ processor (up to 35W) fanless system,
Intel® 100 Series chipset



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

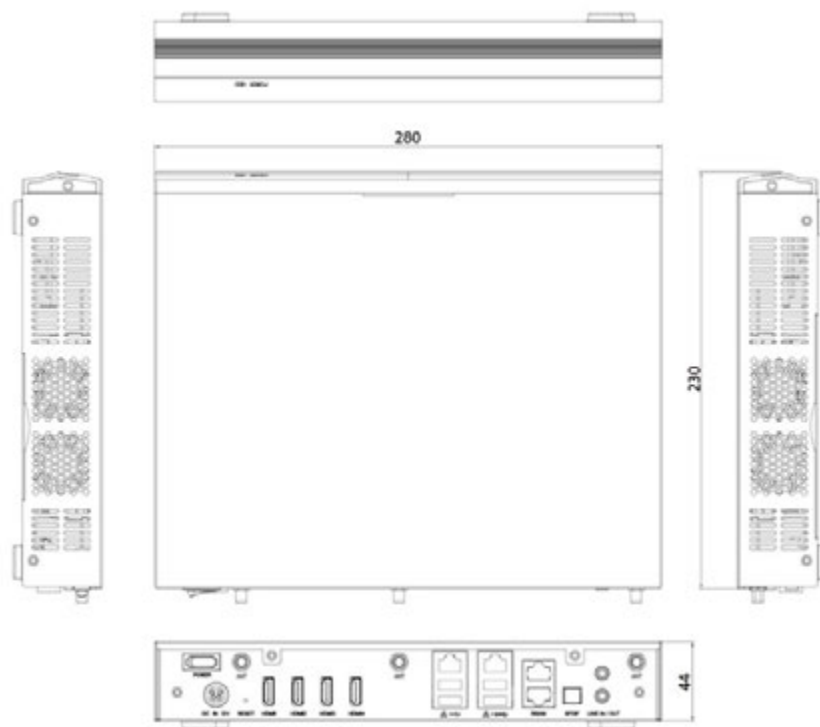
Certification

- 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



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 B862 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
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

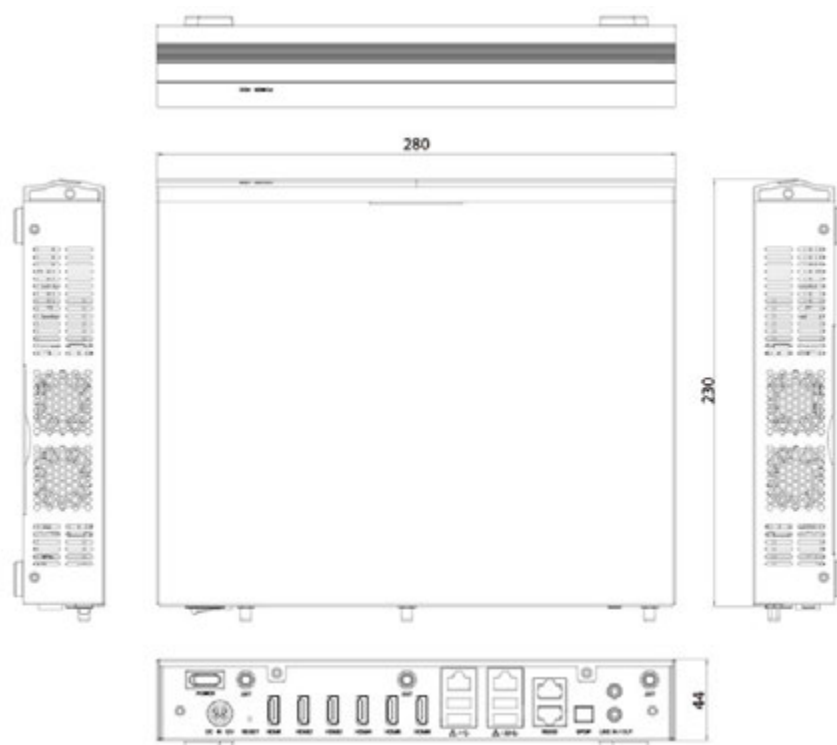
Certification

- 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



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")

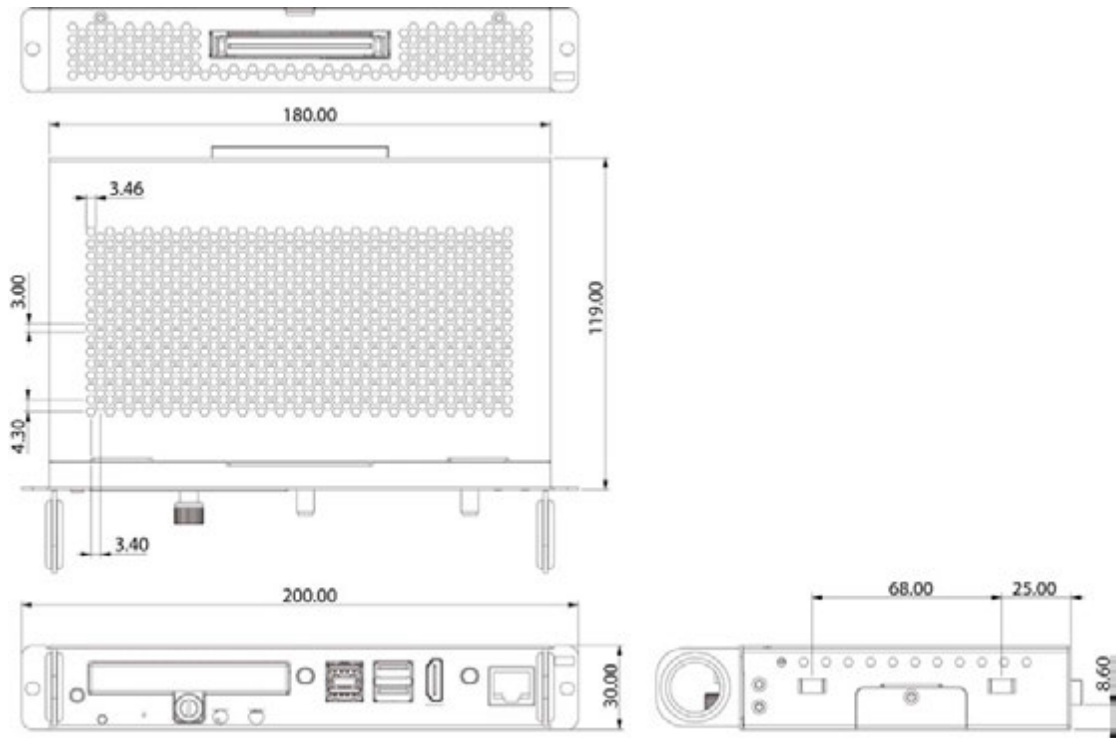
Power Power Supply

- 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



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 codenamed "Braswell"). NDiS M335 can be plugged into any OPS-compliant 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")

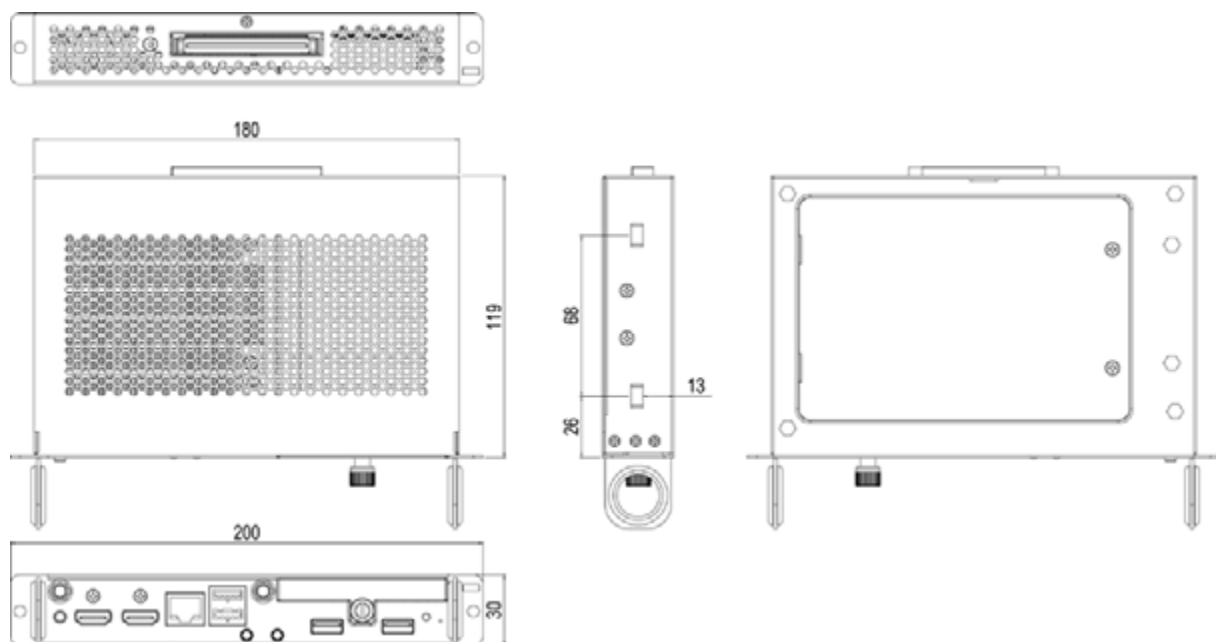
Power Power Supply

- 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/WE8/Win8.1(64bit)/Win10/WE8S/Linux

Ordering Information

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



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)

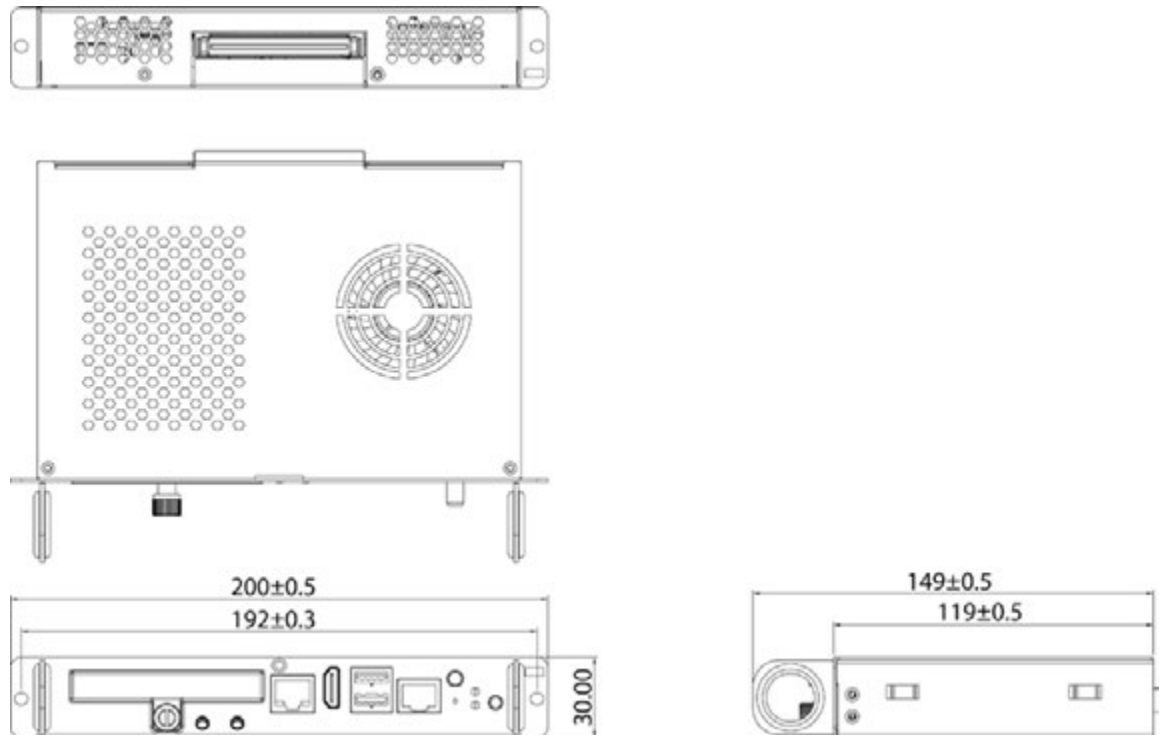
Certification

- 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



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)

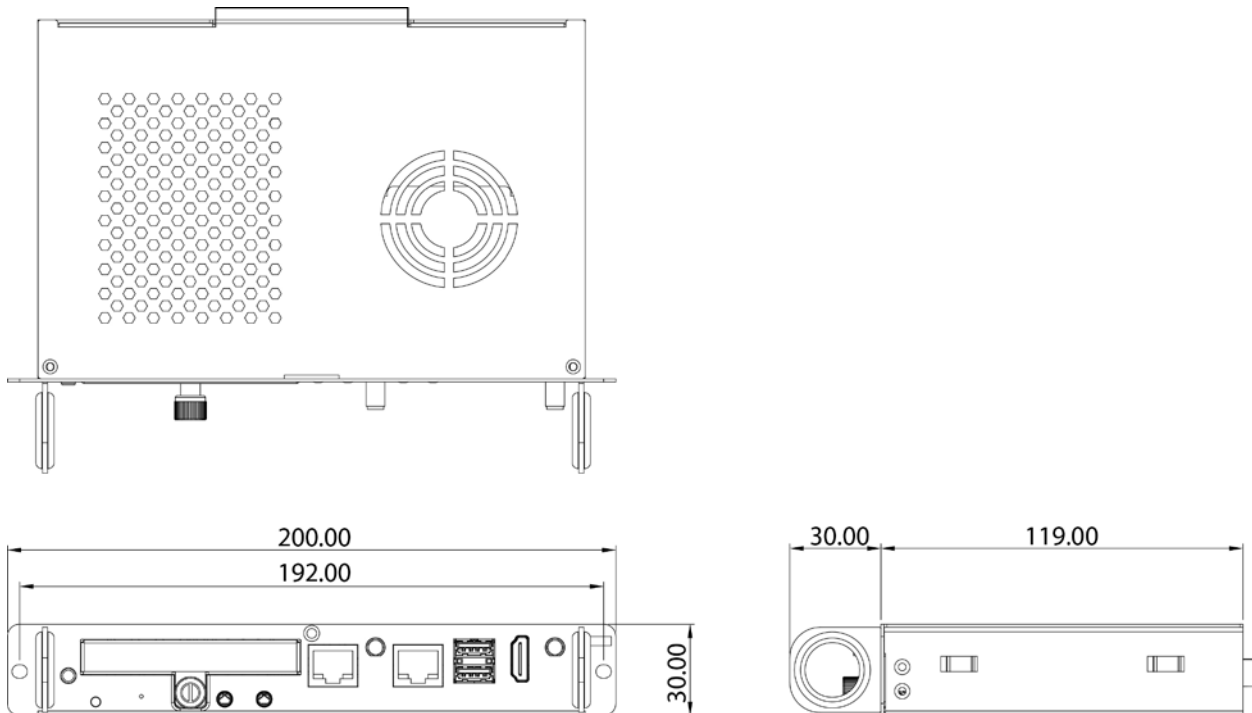
Certification

- 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



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")

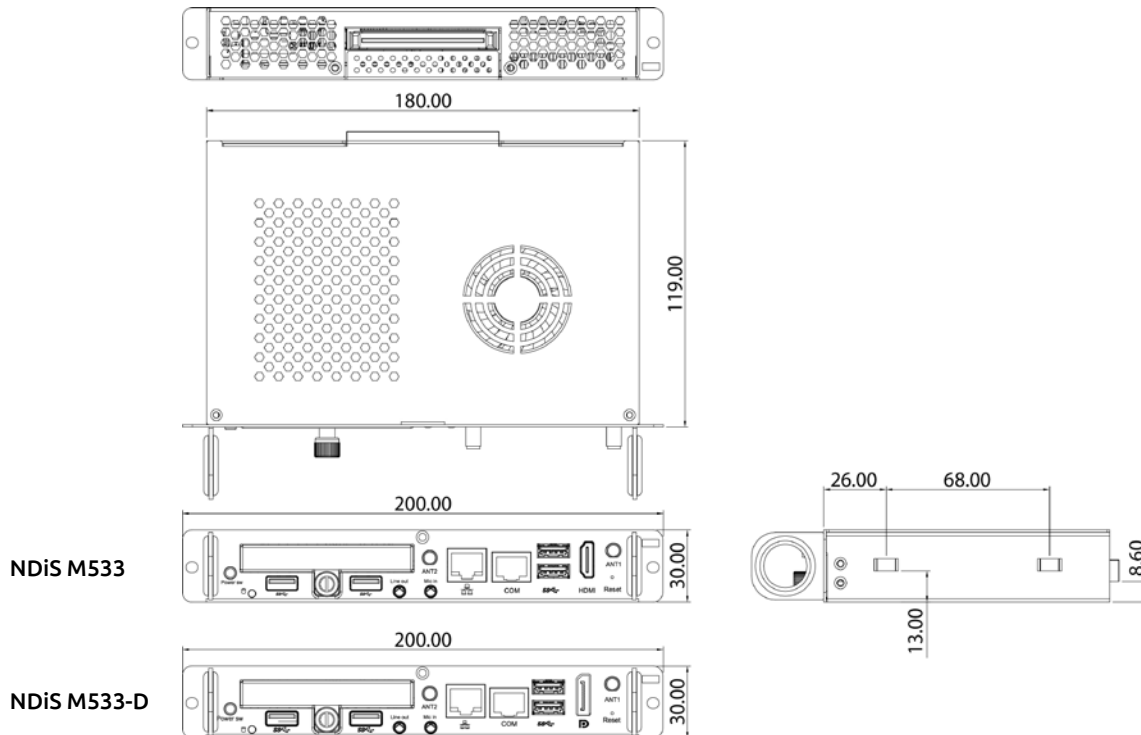
Power Power Supply

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



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 M535 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® integrated 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)

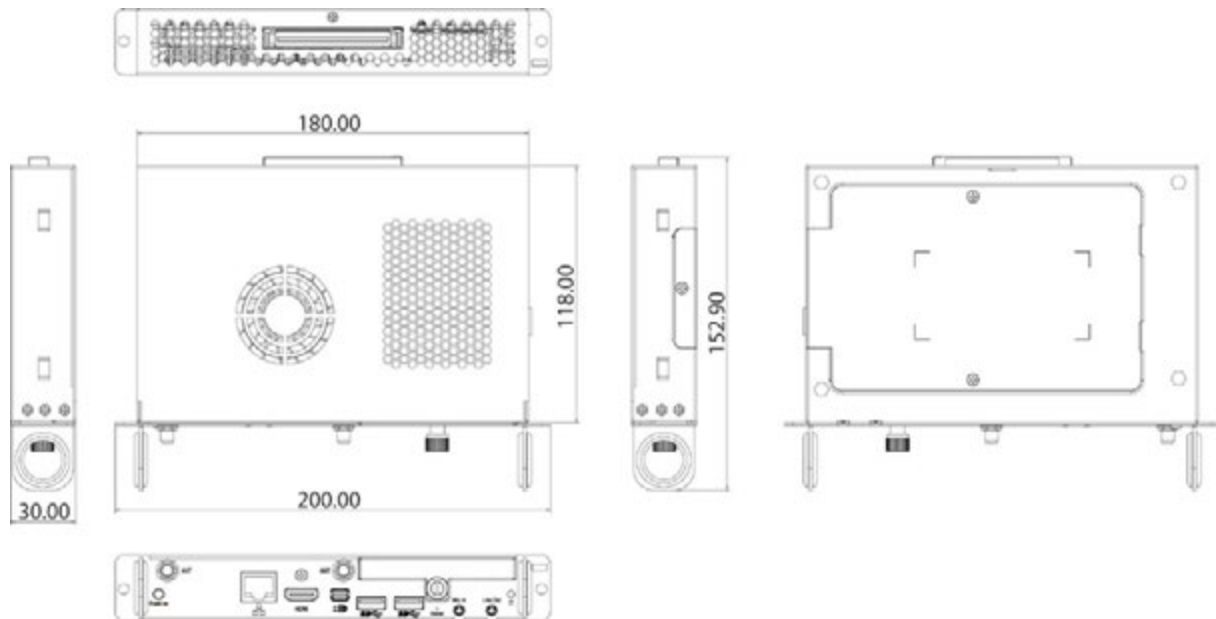
Certification

- CE/FCC Class A

Operating System

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

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



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

NDiS A322 is 21.5" 16:9 LCD with resolutions to 1920 x 1080 (Full HD) and industrial motherboard making it the perfect "AIO" Panel PC solution digital signage players. 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 display, 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

- 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

- AC97 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)

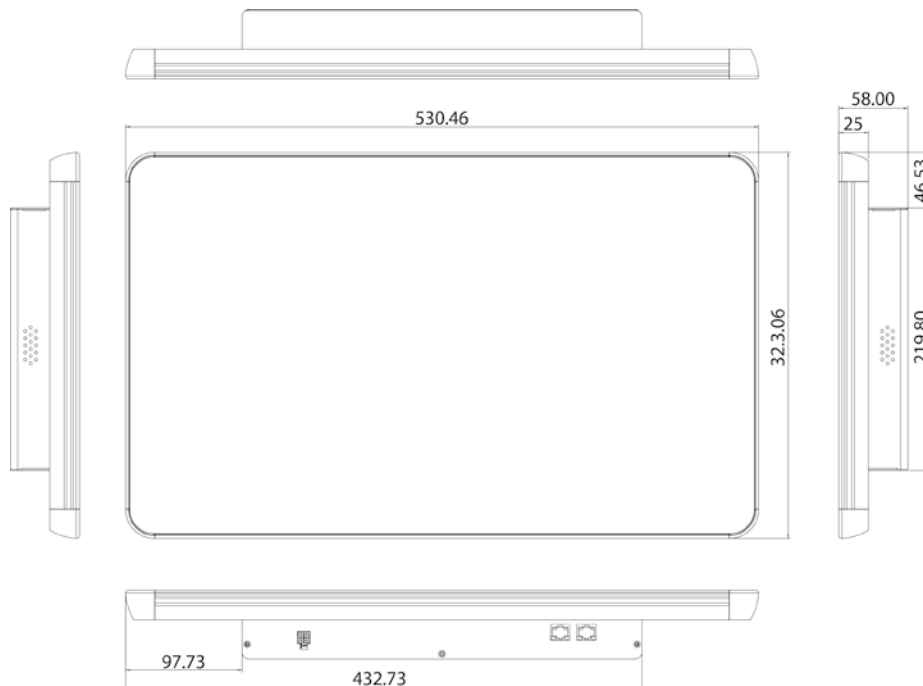
Environment

- 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

- ♦ **NDiS A322 (P/N: 10W00A32200X0)**
- ♦ **NDiS A322T (P/N: 10W00A32201X0)**
Include 1 x Cat5 Extender for support Daisy Chain HDMI/VGA over IP technology



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

NDiS AC22 is 21.5" 16:9 LCD with resolutions up to 1920 x 1080 (Full HD) industrial displays. 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)

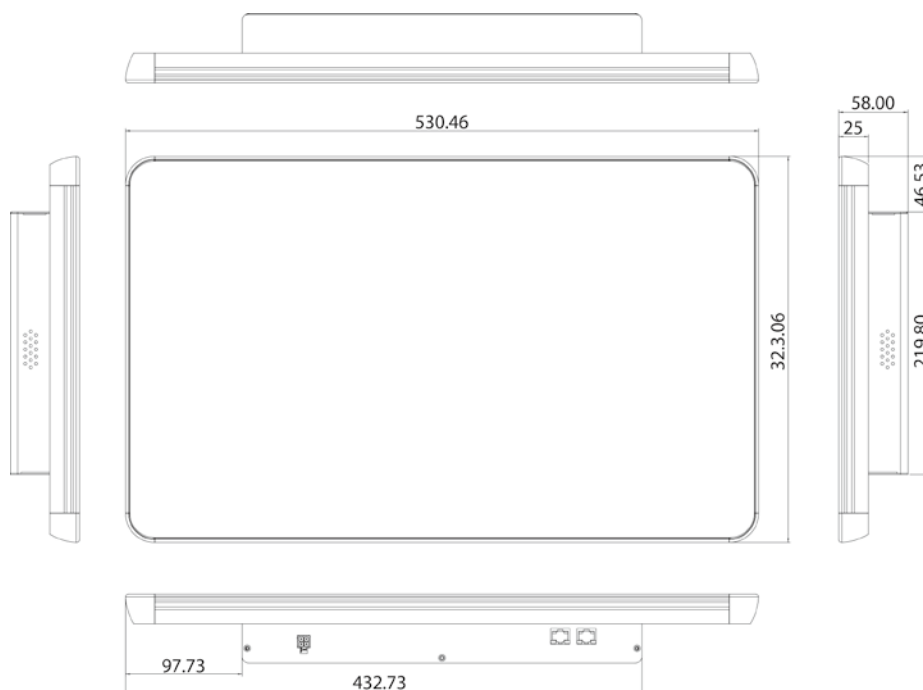
Certification

- ♦ 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

- NDiS AC22 (P/N: 10W00AC2200X0)

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