Intelligent Platform & Services

2020 NEW PRODUCT HIGHLIGHTS
SMART EDGE · SMART CITY
Build for Today's Connected & Digital World

Smart Retail & Hospitality
- Digital Menu Board
- Indoor / Outdoor Signage
- Video Wall / IoT Dash Board

Smart Transportation
- Passenger Information Display System
- eCharging Station
- Surveillance

Smart Gateway
- Agriculture / Farming
- Energy Saving

Smart Entertainment
- Gaming
- Sports
- Hotel Facility

Smart Building
- Access Control
- Elevator Info System

Commerce & Education
- Interactive White Board
- Video Conference Facility

Smart Service
- Self-Check-in/Out System
- Interactive KIOSK System
OUR PRODUCT PORTFOLIO

Industrial Fanless System
Neu-X Series
Designed for Smart City Application
NISE Series
Designed for Industrial Edge Application

Panel PC System
APPC Series
Designed for 4:3 Panel PC Application
XPPC Series
Designed for 16:9 Panel PC Application

Embedded Boards
3.5" / Peak / COMe

Visual Signage Solution
NDiS-B Series
Designed for Smart Signage Application
NDiS-V Series
Designed for Multi-Display Application
NDiS-M Series
Designed for OPS/SDM Application

AIEdge Computing
AIEdge-A Series
Designed for AI & Simulation Application
AIBooster Series
Designed with Vision Processing Accelerator for AI Inferencing

ODM Service
Boards / Marine / Medical

CORE VALUES
Stable Quality
High Flexibility Design
Scalable Performance
Optimized Heat Dissipation Design
Concentrated Collaboration
Customized Services
Comprehensive Product Life Cycle Management
Traceability Management
NEW PRODUCT HIGHLIGHTS

Industrial Fanless System

**Neu-X100**
Fanless Embedded Computer Powered by Intel® Apollo Lake N3350/J3455 Processor
- Onboard Intel® Celeron® N3350/J3455 54W processor
- Dual HDMI 4K independent display, 4096 × 2160 @60Hz
- M.2 M key storage device support
- mini-PCIe slot for optional Wi-Fi or LTE module
- Dual GBE Lan and WLAN support for gateway application
- Fanless design with operating temperature: -5°C to 50°C
- Palm size for limited space

**Neu-X300**
Fanless Embedded Computer Powered by Intel® 8th Gen. Core™ LGA Socket Type Processor
- Support 8th Gen Intel® Core™ Coffee Lake socket type 35W processor
- Dual DDR4 SO-DIMM up to 32G
- 3 x HDMI 2.0 resolution 4K@60Hz
- Support M.2 M Key 2280 SATA storage device
- Support Intel® vPro technology and TPM2.0
- Compact and fanless design

**Neu-X300**
Fanless Embedded Computer Powered by Intel® 8th Gen. Core™ LGA Socket Type Processor
- Support 8th Gen Intel® Core™ Coffee Lake socket type 35W processor
- Dual DDR4 SO-DIMM up to 32G
- 3 x HDMI 2.0 resolution 4K@60Hz
- Support M.2 M Key 2280 SATA storage device
- Support Intel® vPro technology and TPM2.0
- Compact and fanless design

**Visual Signage Solution**

**NDiS S538**
Smart Display Module (SDM-L) Computer Powered by 6th Gen. Intel® Core™ for Visual Signage Applications
- Intel® Smart Display Module Large (Intel® SDM-L) design in 6th generation Intel® Core™ Skylake processor 35W
- Intel® integrated HD 530 graphic engine
- Support 3 independent 4K2K video output
- Dual DDR4 SO-DIMM support, up to 32G
- Support Wi-Fi module
- M.2 M key storage support PCIe and SATA
- Slim size for thinner signage display

**NDiS M538**
Smart Display OPS Computer Powered by 8th Gen. Intel® Core™ Processor for Visual Signage & Education Application
- Intel® 8th Gen. Core™ processor, socket type
- Intel® integrated HD 630 graphic engine
- Dual DDR4 SO-DIMM
- 1 x DP1.2 on edge support 4K2K @ 60Hz video output
- 1 x M.2 E key for optional Wi-Fi module
- 1 x M.2 M key for option 2280 PCIe/SATA storage device
- 2 x USB 3.0 and 1 x USB 2.0
- Intel® vPro technology support

**NDiS B336R**
Semi-Outdoor Fanless Embedded Computer Powered by Intel® Atom® x7-E3950 Quad Core Processor
- Onboard Intel® Atom® x7-E3950 Quad Core processor
- Graphics operating at up to 1.1 GHz
- Dual DDR4 SO-DIMM, up to 32G
- Support 4 x HDMI 2.0 for video wall application
- Support M.2 M key, 2280/2242 size storage device
- 4 x USB 3.0 support
- M.2 E key slot for optional Wi-Fi module

**NDiS B328-KI3**
Fanless Embedded Computer Powered by Intel® Core™ i3-7100U, SoC Processor
- Onboard Intel® Core™ i3-7100U Dual Core SoC processor
- Intel® integrated HD 630 graphic engine
- Dual independent displays with HDMI 4K resolution
- Dual storage devices option, 2.5” SATA & M.2 2280 M key PCIe slot
- 6 x USB 3.0 support
- 1 x M.2 E key slot for optional Wi-Fi module
- Operating temperature: -20°C to 50°C
- Compact and fanless design

**NDiS B327**
Fanless Embedded Computer Powered by Intel® Celeron® N3060 SoC Processor
- Onboard Intel® Celeron® N3060 Dual Core SoC processor
- Dual independent displays with HDMI 4K and VGA
- Two DDR3L SO-DIMM support, up to 8G
- Support 4 x USB 2.0, 2 x USB 2.0
- Dual storage device options, M.2 2242 B key & 2.5” SATA
- 1 x mini-PCIe slot for optional WLAN module usage
- Compact and fanless design for space critical application

**Module**

**Visual Signage Solution**

**NDiS B328-KI3**
Fanless Embedded Computer Powered by Intel® Core™ i3-7100U, SoC Processor
- Onboard Intel® Core™ i3-7100U Dual Core SoC processor
- Intel® integrated HD 630 graphic engine
- Dual independent displays with HDMI 4K resolution
- Two DDRA 512-DDR4 support, up to 32G
- Dual storage devices option, 2.5” SATA & M.2 2280 M key PCIe storage device
- 6 x USB 3.0 support
- 1 x M.2 E key slot for optional Wi-Fi module
- Operating temperature: -20°C to 50°C
- Compact and fanless design

**NDiS V1000**
Multi-Display Embedded Computer Powered by AMD V series APU
- Onboard AMD V1605B Quad Core APU processor
- Graphics operating at up to 1.1 GHz
- Dual DDR4 SO-DIMM, up to 32G
- Support 4 x HDMI 2.0 for video wall application
- Support M.2 M key, 2280/2242 size storage device
- 4 x USB 3.0 support
- M.2 E key slot for optional Wi-Fi module
NEW PRODUCT HIGHLIGHTS

**Industrial Fanless System**

**NISE 50-J1900**
Intel® Celeron® J1900 Quad Core Fanless System
- Onboard Intel® Celeron® J1900 Quad Core processor, 2.00GHz
- Ultra slim fanless system with multiple I/O design
- 1 x HDMI display output
- 2 x Intel® I210-AT GbE LAN ports; support WOL, teaming and PXE
- 3 x mini-PCIe expansion for optional mSATA and WiFi/3.5G/LTE modules
- 4 x USB 2.0, 2 x DB9 for full RS232 signal, 1 x DB9 for RS422/485
- Support -5°C to 55°C operating temperature
- 12V DC input, support ATX power mode

**NISE 51**
Intel® Celeron® N3350/J3455 Dual/Quad Core Fanless System
- Onboard Intel® Celeron® N3350/J3455 Soc processor
- 1 x DP display up to 4K resolution
- 2 x GBE LAN (Intel® I211-AT) support WOL, teaming and PXE
- 1 x mini-PCIe expansion with SIM holder for communication modules
- 1 x M.2 B key for storage/LTE module, 1 x M.2 A key for WiFi module
- 2 x USB 2.0, 2 x USB 3.0, 2 x DB9 for full RS232 signal, 1 x DB9 for RS422/485
- Adopt TPM 2.0 chip to support data encryption
- Support 12V and 24V DC input, support ATX power mode

**NISE 107**
Intel® Atom® x5-E3930 Dual Core Fanless System
- Onboard Intel Atom® x5-E3930 Dual Core processor, 1.30GHz
- Support 2 independent display from DVI-D and DP
- 2 x mini-PCIe expansion for WiFi/3G/LTE wireless modules
- 4 x USB 2.0, 2 x DB9 for RS232/422/485, 2 x optional DB9 for RS232 by request
- Support -20°C~70°C extended operating temperature
- Support 9~30V DC wide range power input

**NISE 108**
Intel® Celeron® J3455 Quad Core Fanless System
- Onboard Intel® Celeron® J3455 Quad Core processor, 1.50GHz
- Compact size fanless system with essential I/O ports on front-side bezel
- Dual independent DP display up to 4K resolution
- 2 x GBE LAN (Intel® I210-T) support WOL, teaming and PXE
- Support 1 x mini-PCIe for WiFi/3G/LTE wireless module, and support both 2.5” HDD/SSD and M.2 for storage
- Support wall mount and VESA 100 x 100 mount(by top cover)
- Support 24 VDC input, ATX power mode

**NISE 3800E-H110**
6th Generation Intel® Core™ i7/i5/i3 LGA Industrial Fanless System with Expansion
- Intel® Core™ i7-6700TE/i5-6500TE/i3-6100TE LGA, high performance CPU
- Intel® H110 chipset
- 2 x SO-DIMM DDR4 non ECC up to 1866/2133 MTA, 16G max
- 1 x DP/DVI-D and 1 x HDMI with independent display
- 1 x 2.5” SATA HDD, 2 x mini-PCIe socket
- 6 x USB, 2 x Intel® GbE LAN, 2 x RS322/RS422/RS485
- 1 x PCIe x4 expansion
- Wide range power input +9V to 30VDC input, ATX power mode

**NISE 3800E2/P2/P2E**
6th Generation Intel® Core™ i7/i5/i3 LGA Industrial Fanless System with Expansion
- Intel® Core™ i7-6700TE/i5-6500TE/i3-6100TE LGA, high performance CPU
- Intel® O170 chipset
- 2 x SO-DIMM DDR4 non ECC up to 1866/2133 MTA, 16G max
- 1 x DP/DVI-D, 1 x HDMI, and 1 x DP with independent display
- 1 x 2.5” SATA HDD, 2 x mini-PCIe socket, 1 x M.2 socket (storage)
- 6 x USB, 3 x Intel® GbE LAN, 2 x RS322/RS422/RS485
- 2 x PCIe x4, 2 x PCI, or 1 x PCI x4 + 1 x PCI expansion
- Wide range power input +9V to 30VDC input, ATX power mode

**NISE 3800R**
6th Generation Intel® Core™ i7/i5/i3 LGA Industrial Fanless System with Expansion
- Intel® Core™ i7-6700TE/i5-6500TE/i3-6100TE LGA, high performance CPU
- Intel® Q170 chipset
- 2 x SO-DIMM DDR4 non ECC up to 1866/2133 MTA, 16G max
- 1 x DP/DVI-D, 1 x HDMI, and 1 x DP with independent display
- 2 x 2.5” HDD optional, 2 x mini-PCIe socket, 1 x M.2 socket (storage)
- 6 x USB, 3 x Intel® GbE LAN, 2 x RS322/RS422/RS485
- 1 x PCIe x4 expansion
- Wide range power input +9V to 30VDC input, ATX power mode

NEW PRODUCT HIGHLIGHTS
NEW PRODUCT HIGHLIGHTS

Industrial Fanless System

NISE 3900E
8th Generation Intel® Core™ i7/i5/i3 LGA Industrial Fanless System with Expansion
- Intel® Core™ i7-8700T/i5-8500T/i3-8100T LGA, high performance CPU
- Intel® Q370 chipset
- 2 x SO-DIMM DDR4 non ECC up to 2666 MT/s, 16G max
- 1 x DVI-D, 1 x HDMI, and 1 x DP with independent display
- 1 x 2.5" HDD, 1 x mini-PCIe socket (LTE, Wi-Fi), 2 x M.2 socket (1 x storage, 1 x LTE)
- 10 x USB, 3 x Intel® GbE LAN, 2 x RS232/RS422/RS485
- 1 x PCIe x4 expansion
- Wide range power input +9V to 30VDC input, ATX power mode

NISE 3900E2/P2/P2E
8th Generation Intel® Core™ i7/i5/i3 LGA Industrial Fanless System with Expansion
- Intel® Core™ i7-8700T/i5-8500T/i3-8100T LGA, high performance CPU
- Intel® Q370 chipset
- 2 x SO-DIMM DDR4 non ECC up to 2666 MT/s, 16G max
- 1 x DVI-D, 1 x HDMI, and 1 x DP with independent display
- 1 x 2.5" HDD, 1 x mini-PCIe socket (LTE, Wi-Fi), 2 x M.2 socket (1 x storage, 1 x LTE)
- 10 x USB, 3 x Intel® GbE LAN, 2 x RS232/RS422/RS485
- 2 x PCIe x4, 2 x PCI, or 1 x PCIe x4 + 1 x PCI expansion
- Wide range power input +9V to 30VDC input, ATX power mode

NISE 3900R
8th Generation Intel® Core™ i7/i5/i3 LGA Industrial Fanless System with Expansion
- Intel® Core™ i7-8700T/i5-8500T/i3-8100T LGA, high performance CPU
- Intel® Q370 chipset
- 2 x SO-DIMM DDR4 non ECC up to 2666 MT/s, 16G max
- 1 x DVI-D, 1 x HDMI, and 1 x DP with independent display
- 2 x 2.5" HDD optional, 1 x mini-PCIe socket (LTE, Wi-Fi), 2 x M.2 socket (1 x storage, 1 x LTE)
- 10 x USB, 3 x Intel® GbE LAN, 2 x RS232/RS422/RS485
- Wide range power input +9V to 30VDC input, ATX power mode

NEW PRODUCT HIGHLIGHTS

AI Accelerator

AIBooster-X8
- Intel® Movidius™ VPU Myriad™ X 2485 VPU*8
- PCIe x4 card with 8x Myriad™ X 2485 VPUs
- Easier to implement AI accelerator projects
- On-chip accelerators 20+ image/vision processing accelerator Neural Compute Engine (DNN accelerator)
- Neural Network Capability Neural Compute Engine
- Support Intel® Distribution of OpenVINO™ toolkit for hardware acceleration of deep learning Inference for computer vision applications

AIBooster-L2
- Intel® Movidius™ VPU Myriad™ X 2485 VPU*2
- mini-PCIe card with 2x Myriad™ X 2485 VPUs
- Easier to implement AI accelerator projects
- On-chip accelerators 20+ image/vision processing accelerator Neural Compute Engine (DNN accelerator)
- Neural Network Capability Neural Compute Engine
- Support Intel® Distribution of OpenVINO™ toolkit for hardware acceleration of deep learning Inference for computer vision applications
NEW PRODUCT HIGHLIGHTS

Panel PC System

XPPC 10-100
10" TFT WXGA 16:10
Flush Panel PC with Intel® Celeron® J3455 Processor

- Intel® Celeron® Quad Core J3455 processor, 1.50 GHz
- 10 points P-Cap multi-touch with zero bezel flush front design
- Support DDR3L up to 8GB, M.2 M-KEY 2242 for storage device
- 2 x LAN, 2 x USB 3.0, 1 x HDMI, 1 mini-PCIe sockets and 1 x RS232/422/485
- IP65 compliant on front panel
- Mounting support: panel/wall/stand/VESA 100 x 100mm
- Support 19 VDC with 45W AD/DC power adapter

Panel PC System

APPC1544T
15" TFT XGA 4:3
Flush Panel PC powered by Intel® Celeron® J1900

- 4:3 15" XGA fanless LED panel computer
- Flush type panel design with 5-wire resistive touch
- Onboard Intel® Celeron® J1900 Quad Core processor, 2.0 GHz
- Pre-install DDR3L 4GB and one 2.5" HDD space
- 3 x USB, 2 x mini-PCIe sockets, 2 x RS232/422/485
- IP65 compliant on front panel
- Mounting support: panel/wall/stand/VESA 100 x 100mm
- Wide range power input 12V to 35VDC

Panel PC System

XPPC 16-100
16.1" TFT HD 16:9
Flush Panel PC with Intel® Celeron® J3455 Processor

- Intel® Celeron® Quad Core J3455 processor, 1.50 GHz
- 10 points P-Cap multi-touch with zero bezel flush front design
- Support DDR3L up to 8GB, M.2 M-KEY 2242 for storage device
- 2 x LAN, 2 x USB 3.0, 1xHDMI, 1 mini-PCIe sockets and 1 x RS232/422/485
- IP65 compliant on front panel
- Mounting support: panel/wall/stand/VESA 100 x 100mm
- Support 19 VDC with 45W AD/DC power adapter

Panel PC System

APPC 3154
15" TFT XGA 4:3
Flush Panel PC powered by Intel® Celeron® J1900

- 4:3 XGA fanless LED panel computer
- Flush type panel design with 5-wire resistive touch
- Onboard Intel® Celeron® J1900 Quad Core processor, 2.0 GHz
- Pre-install DDR3L 4GB and one 2.5" HDD space
- 3 x USB, 2 x mini-PCIe sockets, 2 x RS232/422/485
- IP65 compliant on front panel
- Mounting support: panel/wall/stand/VESA 100 x 100mm
- Wide range power input 12 to 35VDC
- 2nd display out: VGA, 1 x Line-out for feature highlight

Panel PC System

XPPC 24-100
23.8" TFT FHD 16:9
Flush Panel PC with Intel® Celeron® J3455 Processor

- Intel® Celeron® Quad Core processor J3455, 1.50 GHz
- 10 points P-Cap multi-touch with zero bezel flush front design
- Support DDR3L up to 8GB, M.2 M-KEY 2242 for storage device
- 2 x LAN, 2 x USB 3.0, 1xHDMI, 1 mini-PCIe sockets and 1 x RS232/422/485
- IP65 compliant front panel
- Mounting support: panel/wall/stand/VESA 100 x 100mm
- Support 19 VDC with 90W AD/DC power adapter

Panel PC System

APPC xx50 series
12'/15'/17'/19" TFT 4:3
Flush Panel PC powered by Intel® Celeron® J3455

- Intel® Celeron® Quad Core processor J3455, 1.50 GHz
- 5-wire resistive-touch screen with zero bezel flush front design
- Pre-install 4G DDR3L, 1 x M.2 8-BODY 2242 for storage device
- 4 x USB, 1 x mini-PCIe sockets, 1 x RS232/422/485, 24 DP
- IP65 compliant front panel
- Mounting support: panel/wall/stand/VESA 100 x 100mm
- Support 24 VDC input
NDiS/Neu Product Selection Guide

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<th>Output Platform Processor</th>
<th>HDMI</th>
<th>DP</th>
<th>VGA</th>
<th>Multimedia Support</th>
<th>Recommended Model</th>
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Cost Effective Player

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<th>NDiS B425-SI3</th>
<th>NDiS B336R</th>
<th>NDiS B327</th>
<th>NDiS B328-KI3</th>
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<tr>
<td>CPU</td>
<td>Rockchip RK3288</td>
<td>Intel® Core™ i3-5-100U</td>
<td>Intel® Atom™ E3950</td>
<td>Intel® Celeron® N3050</td>
<td>Intel® Core™ i3-7-100U</td>
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<td>2 x DDR3L SO-DIMM, up to 16GB</td>
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<td>Video Output</td>
<td>1 x HDMI (2.0)</td>
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<td>Display Resolution</td>
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<td>1 Independent</td>
<td>2 Independent or clone</td>
<td>3 Independent or clone</td>
<td>2 Independent or clone</td>
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<tr>
<td>Video Capability</td>
<td>Hardware decode: H.264, VP9, HEVC, VP8</td>
<td>Hardware decode: H.264, VP9, HEVC, VP8</td>
<td>Hardware decode: H.264, VP9, HEVC, VP8</td>
<td>Hardware decode: H.264, VP9, HEVC, VP8</td>
<td>Hardware decode: H.264, VP9, HEVC, VP8</td>
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<tr>
<td>Audio Output</td>
<td>1 x Line-out</td>
<td>1 x Line-out, 1 x Mic in</td>
<td>1 x Line-out, 1 x Mic in</td>
<td>1 x Line-out, 1 x Mic in</td>
<td>1 x Line-out, 1 x Mic in</td>
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<td>Expansion Slot</td>
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<td>1 x mini-PCIe (Half)</td>
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<td>Operating Temperature</td>
<td>-10°C to 50°C</td>
<td>0°C to 40°C</td>
<td>-20°C to 60°C</td>
<td>0°C to 40°C</td>
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<td>5V DC</td>
<td>19V DC</td>
<td>19V DC</td>
<td>19V DC</td>
<td>19V DC</td>
</tr>
<tr>
<td>Dimension (WxDxH) (mm)</td>
<td>118 x 101 x 23.6</td>
<td>167 x 139.6 x 45</td>
<td>259 x 147.4 x 21</td>
<td>190 x 149 x 25</td>
<td>224.34 x 147.4 x 29</td>
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<tr>
<td>OS Support</td>
<td>Android 4.4</td>
<td>Win7/Win8.1/Win10/Linux</td>
<td>Win7/Win10/Linux</td>
<td>Win7/Win10/Linux</td>
<td>Win7/Win10/Linux</td>
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### Performance Player

<table>
<thead>
<tr>
<th>Model</th>
<th>CPU</th>
<th>Chipset</th>
<th>Graphics</th>
<th>RAM</th>
<th>LAN</th>
<th>Hard Disk</th>
<th>Flash Storage</th>
<th>Video Output</th>
<th>Display Resolution</th>
<th>Operating Temp.</th>
<th>Power Type</th>
<th>Dimension (WxHxD) (mm)</th>
<th>OS Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>NDIS B535</td>
<td>6th generation Intel® Core™ LGA socket type processor (up to 35W)</td>
<td>Intel® Q170/PCH</td>
<td>Intel® Integrated HD 530 graph</td>
<td>2 x DDR4 SO-DIMM up to 32GB</td>
<td>2 x 10/100/1000Mbps</td>
<td>Optional</td>
<td>Optional</td>
<td>1 x HDMI, 1x TMDS</td>
<td>1920 x 1080</td>
<td>0°C to 40°C</td>
<td>12VDC</td>
<td>Win7/Win8.1/Win10/Linux, Win10/Linux</td>
<td></td>
</tr>
<tr>
<td>NDIS B537/ B537-1</td>
<td>7th/6th generation Intel® Core™ LGA socket type processor (up to 35W)</td>
<td>Intel® Q9470/PCH</td>
<td>Intel® Integrated HD 550 graph</td>
<td>2 x DDR4 SO-DIMM up to 32GB</td>
<td>2 x 10/100/1000Mbps</td>
<td>Optional</td>
<td>Optional</td>
<td>1 x HDMI, 1x TMDS</td>
<td>1920 x 1080</td>
<td>0°C to 40°C</td>
<td>12VDC</td>
<td>Win7/Win8.1/Win10/Linux, Win10/Linux</td>
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### OPS Module Player

<table>
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<tr>
<th>Model</th>
<th>CPU</th>
<th>Chipset</th>
<th>Graphics</th>
<th>RAM</th>
<th>LAN</th>
<th>Hard Disk</th>
<th>Flash Storage</th>
<th>Video Output</th>
<th>Display Resolution</th>
<th>Operating Temp.</th>
<th>Power Type</th>
<th>Dimension (WxHxD) (mm)</th>
<th>OS Support</th>
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</thead>
<tbody>
<tr>
<td>NDIS M324</td>
<td>Intel® Celeron® processor J1900</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<td>Optional</td>
<td>N/A</td>
<td>1 x HDMI, 1x TMDS</td>
<td>1920 x 1080</td>
<td>0°C to 40°C</td>
<td>12VDC</td>
<td>Win7/Win8/Linux, Win10/Linux</td>
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<tr>
<td>NDIS M335</td>
<td>Intel® Celeron® processor N4100</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Optional</td>
<td>N/A</td>
<td>1 x HDMI, 1x TMDS</td>
<td>1920 x 1080</td>
<td>0°C to 40°C</td>
<td>12VDC</td>
<td>Win7/Win8/Linux, Win10/Linux</td>
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### SDM Module Player

<table>
<thead>
<tr>
<th>Model</th>
<th>CPU</th>
<th>Chipset</th>
<th>Graphics</th>
<th>RAM</th>
<th>LAN</th>
<th>Hard Disk</th>
<th>Flash Storage</th>
<th>Video Output</th>
<th>Display Resolution</th>
<th>Operating Temp.</th>
<th>Power Type</th>
<th>Dimension (WxHxD) (mm)</th>
<th>OS Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>NDIS 335 (OPS+)</td>
<td>Intel® Core™ processor 3-4100Y/4100E/4100G processor</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Optional</td>
<td>N/A</td>
<td>1 x HDMI, 1x TMDS</td>
<td>1920 x 1080</td>
<td>0°C to 40°C</td>
<td>12VDC</td>
<td>Win7/Win8/Linux, Win10/Linux</td>
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<tr>
<td>NDIS S538 (DDM-L)</td>
<td>Intel® Core™ processor 6-6440U/6440G/6540G processor</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Optional</td>
<td>N/A</td>
<td>1 x HDMI, 1x TMDS</td>
<td>1920 x 1080</td>
<td>0°C to 40°C</td>
<td>12VDC</td>
<td>Win7/Win8/Linux, Win10/Linux</td>
<td></td>
</tr>
</tbody>
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### Video Wall

<table>
<thead>
<tr>
<th>Model</th>
<th>Model</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="#">NDIS BB66</a></td>
<td><a href="#">NDIS V1000</a></td>
<td><a href="#">NDIS V1000</a></td>
</tr>
</tbody>
</table>

**CPU**
- 6th generation Intel® Core™ LGA socket type processor (up to 55W)
- AND V105S18 Quad Core

**Chipset**
- Intel® Q170/PCIE
- N/A

**Graphic**
- AMD Radeon™ E8870
- AMD Radeon™ Vega 8

**RAM**
- 4 x DDR4 SODIMM up to 32GB
- 2 x DDR4 SODIMM up to 32GB

**LAN**
- 2 x 1/10Gbps

**Hard Disk**
- 2.5" SATA
- 1 x M.2

**Flash Storage**
- NO 22x42/22x80 (SATA)

**Video Output**
- HDMI 2.0

**Display Resolution**
- 3840x2160

**Output Channel**
- 6 Independent, Expandable/Clone

**Video Capability**
- Hardware decode: HEVC / H.264, HDCP
- Hardware decode: 4K @60Hz

**Audio Output**
- 1 x SPDIF
- 1 x MIC in
- 1 x Line-in
- 1 x Line-out

**TV Tuner**
- Optional

**RS-232**
- 2

**USB 2.0**
- 6

**USB 3.0**
- 6

**Expansion Slot**
- 1 x mini PCIe
- 1 x NGP

**Operating Temperature**
- 0°C to 40°C

**Power Supply**
- 300W ATX power supply

**Dimensions (WxHxD) (mm)**
- 428 x 344 x 44
- 190 x 200 x 54.4

**OS Support**
- Win7/Win8.1/Linux

### Industrial Fanless Box

<table>
<thead>
<tr>
<th>Model</th>
<th>Model</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="#">Neo-X100</a></td>
<td><a href="#">Neo-X300</a></td>
<td><a href="#">Neo-X300</a></td>
</tr>
</tbody>
</table>

**CPU**
- Intel® Celeron® N3350
- Intel® Celeron® J3455

**Chipset**
- N/A
- Intel® Q170/PCIE

**Graphic**
- Intel® HD 500 Graphics
- Intel® UHD Graphics 630

**RAM**
- DDR4 SODIMM, up to 32GB
- DDR4 SODIMM, up to 32GB

**LAN**
- 2 x 1/10Gbps

**Hard Disk**
- N/A

**Flash Storage**
- NO 22x42 (SATA)

**Display Output**
- 2 x HDMI

**Display Resolution**
- 3840x2160

**Output Channel**
- 2 Independent or clone

**Video Capability**
- Camera: HEVC / H.264, HDCP
- Camera: 4K @60Hz

**Audio Output**
- 1 x Line-in
- 1 x Line-out

**TV Tuner**
- N/A

**RS-232**
- 1

**USB 2.0**
- 2

**USB 3.0**
- 2

**Expansion Slot**
- 1 x mini PCIe
- 1 x NGP

**Operating Temperature**
- -5°C to 50°C

**Power Supply**
- 24V DC

**Dimensions (WxHxD) (mm)**
- 152 x 106 x 30
- 190 x 200 x 54.4

**OS Support**
- Win10/Linux

### Industrial Fanless System

<table>
<thead>
<tr>
<th>Model</th>
<th>Model</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="#">NISE 50</a></td>
<td><a href="#">NISE 50-J1900</a></td>
<td><a href="#">NISE 51</a></td>
</tr>
<tr>
<td><a href="#">NISE 50</a></td>
<td><a href="#">NISE 50-J1900</a></td>
<td><a href="#">NISE 51</a></td>
</tr>
<tr>
<td><a href="#">NISE 50S</a></td>
<td><a href="#">NISE 50-J1900</a></td>
<td><a href="#">NISE 51</a></td>
</tr>
<tr>
<td><a href="#">NISE 105</a></td>
<td><a href="#">NISE 105U</a></td>
<td><a href="#">NISE 105U</a></td>
</tr>
</tbody>
</table>

**CPU**
- Intel® Atom® E3826 1.46GHz
- Intel® Atom® J3160 2.00GHz
- Intel® Atom® J3455

**Chipset**
- Intel® Bay Trail-D
- Intel® Bay Trail-T
- Intel® Bay Trail-T

**Max. Memory**
- 2G DDR3L onboard
- 2G DDR3L
- 2G DDR3L

**Flash Storage**
- N/A

**DisplayPort**
- 1 x Line-in

**USB**
- 4 x USB 2.0
- 4 x USB 2.0
- 4 x USB 2.0

**LAN Ports**
- 2 x GbE
- 2 x GbE
- 2 x GbE

**Audio**
- Mic-in & Line-out
- Mic-in & Line-out
- Mic-in & Line-out

**Power Input Range**
- 12V DC
- 12V DC
- 12V DC

**Power Supply Adapter**
- Optional
- Optional
- Optional

**Dimensions (WxHxD) (mm)**
- 238 x 227 x 169
- 238 x 227 x 169
- 238 x 227 x 169

**Net Weight (kg)**
- 2.7
- 2.7
- 2.7

**Gross Weight (kg)**
- 2.7
- 2.7
- 2.7
## Industrial Fanless System

<table>
<thead>
<tr>
<th>Model</th>
<th>NISE 106-N3710</th>
<th>NISE 106-N3160</th>
<th>NISE 107</th>
<th>NISE 107-E3440</th>
<th>NISE 107-P0E</th>
<th>NISE 108</th>
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</thead>
<tbody>
<tr>
<td>CPU</td>
<td>Intel Pentium® N3710 1.60GHz</td>
<td>Intel Celeron® N3160 1.60GHz</td>
<td>Intel Apollo Lake</td>
<td>Intel Apollo Lake</td>
<td>Intel Apollo Lake</td>
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<tr>
<td>Max. Memory</td>
<td>8GB DDR3L</td>
<td>8GB DDR3L</td>
<td>8GB DDR3L</td>
<td>8GB DDR3L</td>
<td>8GB DDR3L</td>
<td>8GB DDR3L</td>
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<td>CPU</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>HDD Space</td>
<td>1 x 2.5” SATA HDD bay</td>
<td>1 x 2.5” SATA HDD bay</td>
<td>1 x 2.5” SATA 2.0 HDD bay</td>
<td>1 x 2.5” SATA 2.0 HDD bay</td>
<td>1 x 2.5” SATA 2.0 HDD bay</td>
<td>1 x 2.5” SATA 2.0 HDD bay</td>
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<tr>
<td>CFast Socket</td>
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<td>1 (External, CFast)</td>
<td>-</td>
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<td>-</td>
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<tr>
<td>eMMC</td>
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<td>-</td>
<td>-</td>
<td>-</td>
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<td>1</td>
<td>1</td>
<td>1</td>
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<td>4 x USB 3.0</td>
<td>4 x USB 3.0</td>
<td>4 x USB 3.0</td>
<td>2 x USB 2.0</td>
<td>2 x USB 3.0</td>
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<tr>
<td>Serial Port</td>
<td>4</td>
<td>4</td>
<td>2</td>
<td>2</td>
<td>4</td>
<td>3</td>
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<tr>
<td>LAN Ports</td>
<td>2 x GbE</td>
<td>2 x GbE</td>
<td>2 x GbE</td>
<td>2 x GbE</td>
<td>2 x GbE with 1 x PoE</td>
<td>2 x GbE</td>
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<tr>
<td>Power Supply</td>
<td>ATX, DC +9V ~30VDC</td>
<td>ATX, DC +9V ~30VDC</td>
<td>ATX, DC +9V ~30VDC</td>
<td>ATX, DC +9V ~30VDC</td>
<td>ATX, DC +9V ~30VDC</td>
<td>ATX, DC +24V</td>
</tr>
<tr>
<td>Expansion</td>
<td>V</td>
<td>V</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>System Dimension (WxHxD)(mm)</td>
<td>185 x 131 x 54</td>
<td>185 x 131 x 54</td>
<td>185 x 131 x 94</td>
<td>185 x 131 x 69</td>
<td>185 x 131 x 54</td>
<td>185 x 131 x 54</td>
</tr>
<tr>
<td>Net Weight (kg)</td>
<td>1.3</td>
<td>1.3</td>
<td>1.3</td>
<td>1.3</td>
<td>2</td>
<td>1.3</td>
</tr>
<tr>
<td>Gross Weight (kg)</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2.5</td>
<td>2</td>
</tr>
</tbody>
</table>

## Technical Specifications

- **CPU**: Intel® Pentium® N3710 1.60GHz, Intel® Celeron® N3160 1.60GHz, Intel® Apollo Lake, Intel® Apollo Lake, Intel® Apollo Lake, Intel® Apollo Lake
- **Max. Memory**: 8GB DDR3L
- **HDD Space**: 1 x 2.5” SATA HDD bay, 1 x 2.5” SATA HDD bay, 1 x 2.5” SATA 2.0 HDD bay, 1 x 2.5” SATA 2.0 HDD bay, 1 x 2.5” SATA 2.0 HDD bay, 1 x 2.5” SATA 2.0 HDD bay
- **CFast Socket**: 1 (External, CFast), 1 (External, CFast), - , - , - , - 
- **eMMC**: - , - , - , - , - , - 
- **DisplayPort**: 1, 1, 1, 1, 1, 1
- **USB**: 4 x USB 3.0, 4 x USB 3.0, 4 x USB 3.0, 4 x USB 3.0, 2 x USB 2.0, 2 x USB 3.0
- **Serial Port**: 4, 4, 2, 2, 4, 3
- **LAN Ports**: 2 x GbE, 2 x GbE, 2 x GbE, 2 x GbE, 2 x GbE with 1 x PoE, 2 x GbE
- **Power Supply**: ATX, DC +9V ~30VDC, ATX, DC +9V ~30VDC, ATX, DC +9V ~30VDC, ATX, DC +9V ~30VDC, ATX, DC +9V ~30VDC, ATX, DC +24V
- **System Dimension (WxHxD)(mm)**: 185 x 131 x 54, 185 x 131 x 54, 185 x 131 x 94, 185 x 131 x 69, 185 x 131 x 54, 185 x 131 x 54
- **Net Weight (kg)**: 1.3, 1.3, 1.3, 1.3, 2, 1.3
- **Gross Weight (kg)**: 2, 2, 2, 2, 2.5, 2
## Industrial Fanless System

<table>
<thead>
<tr>
<th>Model</th>
<th>CPU</th>
<th>Chipset</th>
<th>Max. Memory</th>
<th>HDD Space</th>
<th>DisplayPort</th>
<th>USB</th>
<th>Serial Port</th>
<th>I/O Slot/Port</th>
<th>LAN Ports</th>
<th>Audio</th>
<th>Power Input Range</th>
<th>Power Supply Adapter</th>
<th>Dim. Dimensions (WxHxD)</th>
<th>Net Weight (kg)</th>
<th>Gross Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NISE 2420</td>
<td>Intel Atom® E3845 1.91GHz</td>
<td>QM77</td>
<td>8GB DDR3/DDR3L</td>
<td>1 x 2.5” SATA HDD bay</td>
<td>Dual, 24-bit (Internal)</td>
<td>4x USB 2.0, 1x USB 3.0</td>
<td>2 x COM</td>
<td>2-Port</td>
<td>2x GbE</td>
<td>Mic-in &amp; Line-out</td>
<td>Optional</td>
<td>1x PCIe x4</td>
<td>215 x 272 x 114</td>
<td>5.4</td>
<td>6.4</td>
</tr>
<tr>
<td>NISE 3500E</td>
<td>Intel Atom® E3845 1.91GHz</td>
<td>QM77</td>
<td>8GB DDR3/DDR3L</td>
<td>1 x 2.5” SATA HDD bay</td>
<td>Dual, 24-bit (Internal)</td>
<td>4x USB 2.0, 1x USB 3.0</td>
<td>2 x COM</td>
<td>2-Port</td>
<td>2x GbE</td>
<td>Mic-in &amp; Line-out</td>
<td>Optional</td>
<td>1x PCIe x4</td>
<td>215 x 272 x 114</td>
<td>5.4</td>
<td>6.4</td>
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<tr>
<td>NISE 3600P2</td>
<td>3rd Gen Intel® Core™ i5/i3 socket</td>
<td>QM77</td>
<td>8GB DDR3/DDR3L</td>
<td>1 x 2.5” SATA HDD bay</td>
<td>Dual, 24-bit (Internal)</td>
<td>4x USB 2.0, 1x USB 3.0</td>
<td>2 x COM</td>
<td>2-Port</td>
<td>2x GbE</td>
<td>Mic-in &amp; Line-out</td>
<td>Optional</td>
<td>1x PCIe x4</td>
<td>215 x 272 x 114</td>
<td>5.4</td>
<td>6.4</td>
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<tr>
<td>NISE 3600P2E</td>
<td>3rd Gen Intel® Core™ i5/i3 socket</td>
<td>QM77</td>
<td>8GB DDR3/DDR3L</td>
<td>1 x 2.5” SATA HDD bay</td>
<td>Dual, 24-bit (Internal)</td>
<td>4x USB 2.0, 1x USB 3.0</td>
<td>2 x COM</td>
<td>2-Port</td>
<td>2x GbE</td>
<td>Mic-in &amp; Line-out</td>
<td>Optional</td>
<td>1x PCIe x4</td>
<td>215 x 272 x 114</td>
<td>5.4</td>
<td>6.4</td>
</tr>
<tr>
<td>NISE 3700E</td>
<td>4th Gen Intel® Core™ i7/i5/i3 LGA socket</td>
<td>QM77</td>
<td>8GB DDR3/DDR3L</td>
<td>1 x 2.5” SATA HDD bay</td>
<td>Dual, 24-bit (Internal)</td>
<td>4x USB 2.0, 1x USB 3.0</td>
<td>2 x COM</td>
<td>2-Port</td>
<td>2x GbE</td>
<td>Mic-in &amp; Line-out</td>
<td>Optional</td>
<td>1x PCIe x4</td>
<td>215 x 272 x 114</td>
<td>5.4</td>
<td>6.4</td>
</tr>
<tr>
<td>NISE 3700E2</td>
<td>4th Gen Intel® Core™ i7/i5/i3 LGA socket</td>
<td>QM77</td>
<td>8GB DDR3/DDR3L</td>
<td>1 x 2.5” SATA HDD bay</td>
<td>Dual, 24-bit (Internal)</td>
<td>4x USB 2.0, 1x USB 3.0</td>
<td>2 x COM</td>
<td>2-Port</td>
<td>2x GbE</td>
<td>Mic-in &amp; Line-out</td>
<td>Optional</td>
<td>1x PCIe x4</td>
<td>215 x 272 x 114</td>
<td>5.4</td>
<td>6.4</td>
</tr>
<tr>
<td>NISE 3700P2</td>
<td>4th Gen Intel® Core™ i7/i5/i3 LGA socket</td>
<td>QM77</td>
<td>8GB DDR3/DDR3L</td>
<td>1 x 2.5” SATA HDD bay</td>
<td>Dual, 24-bit (Internal)</td>
<td>4x USB 2.0, 1x USB 3.0</td>
<td>2 x COM</td>
<td>2-Port</td>
<td>2x GbE</td>
<td>Mic-in &amp; Line-out</td>
<td>Optional</td>
<td>1x PCIe x4</td>
<td>215 x 272 x 114</td>
<td>5.4</td>
<td>6.4</td>
</tr>
<tr>
<td>NISE 3700P2E</td>
<td>4th Gen Intel® Core™ i7/i5/i3 LGA socket</td>
<td>QM77</td>
<td>8GB DDR3/DDR3L</td>
<td>1 x 2.5” SATA HDD bay</td>
<td>Dual, 24-bit (Internal)</td>
<td>4x USB 2.0, 1x USB 3.0</td>
<td>2 x COM</td>
<td>2-Port</td>
<td>2x GbE</td>
<td>Mic-in &amp; Line-out</td>
<td>Optional</td>
<td>1x PCIe x4</td>
<td>215 x 272 x 114</td>
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<td>6.4</td>
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<tr>
<td>NISE 3800E</td>
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<td>QM77</td>
<td>8GB DDR3/DDR3L</td>
<td>1 x 2.5” SATA HDD bay</td>
<td>Dual, 24-bit (Internal)</td>
<td>4x USB 2.0, 1x USB 3.0</td>
<td>2 x COM</td>
<td>2-Port</td>
<td>2x GbE</td>
<td>Mic-in &amp; Line-out</td>
<td>Optional</td>
<td>1x PCIe x4</td>
<td>215 x 272 x 114</td>
<td>5.4</td>
<td>6.4</td>
</tr>
</tbody>
</table>

*Note: Dimensions and weights are approximate and subject to change. Please consult the manufacturer for the most accurate specifications.*
### Industrial Fanless System

<table>
<thead>
<tr>
<th>Model</th>
<th>NISE 3800E3</th>
<th>NISE 3800P2</th>
<th>NISE 3800P2E</th>
<th>NISE 3800R</th>
<th>NISE 3800E-H110</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CPU</strong></td>
<td>6th Gen Intel® Core™ i7/i5/i3 LGA socket</td>
<td>6th Gen Intel® Core™ i7/i5/i3 LGA socket</td>
<td>6th Gen Intel® Core™ i7/i5/i3 LGA socket</td>
<td>6th Gen Intel® Core™ i7/i5/i3 LGA socket</td>
<td>6th Gen Intel® Core™ i7/i5/i3 LGA socket</td>
</tr>
<tr>
<td><strong>Chipset</strong></td>
<td>Q170 PCH</td>
<td>Q170 PCH</td>
<td>Q170 PCH</td>
<td>H110 PCH</td>
<td>Q170 PCH</td>
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<tr>
<td><strong>Max. Memory</strong></td>
<td>16GB DDR4</td>
<td>16GB DDR4</td>
<td>16GB DDR4</td>
<td>16GB DDR4</td>
<td>16GB DDR4</td>
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<tr>
<td><strong>HDD Space</strong></td>
<td>1 x 2.5” SATA HDD bay</td>
<td>1 x 2.5” SATA HDD bay</td>
<td>2 x 2.5” SATA HDD bay</td>
<td>1 x 2.5” SATA HDD bay</td>
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<tr>
<td><strong>Chip Socket</strong></td>
<td>1 (External, M.2)</td>
<td>1 (External, M.2)</td>
<td>1 (External, M.2)</td>
<td>1 (External, M.2)</td>
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<td><strong>GPU</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td><strong>DisplayPort</strong></td>
<td>1</td>
<td>2</td>
<td>2</td>
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<tr>
<td><strong>USB</strong></td>
<td>4 x USB 3.0</td>
<td>4 x USB 3.0</td>
<td>4 x USB 3.0</td>
<td>4 x USB 3.0</td>
<td>4 x USB 3.0</td>
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<tr>
<td><strong>Network Port</strong></td>
<td>3 x GbE</td>
<td>3 x GbE</td>
<td>3 x GbE</td>
<td>3 x GbE</td>
<td>3 x GbE</td>
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<tr>
<td><strong>Power Input Range</strong></td>
<td>ATX, DC +9 ~ 30V</td>
<td>ATX, DC +9 ~ 30V</td>
<td>ATX, DC +9 ~ 30V</td>
<td>ATX, DC +9 ~ 30V</td>
<td>ATX, DC +9 ~ 30V</td>
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<tr>
<td><strong>Power Supply Connector</strong></td>
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<tr>
<td><strong>Expansion</strong></td>
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<td>1 x PCi and 1 x PCIe x4</td>
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<td>1 x PCIe x4</td>
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<td><strong>Mini 32-bit</strong></td>
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<td><strong>Mini 64-bit</strong></td>
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<td>V</td>
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<tr>
<td><strong>WIN3200 32-bit</strong></td>
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<td>-</td>
<td>-</td>
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<td><strong>WIN10 64-bit</strong></td>
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<tr>
<td><strong>System Dimension (WxDxH) (mm)</strong></td>
<td>215 x 272 x 114</td>
<td>215 x 272 x 114</td>
<td>215 x 272 x 114</td>
<td>215 x 272 x 93</td>
<td>215 x 272 x 93</td>
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<tr>
<td><strong>Carton Dimension (WxDxH) (mm)</strong></td>
<td>378 x 342 x 269</td>
<td>378 x 342 x 269</td>
<td>378 x 342 x 269</td>
<td>378 x 342 x 269</td>
<td>378 x 342 x 269</td>
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<tr>
<td><strong>Net weight (kg)</strong></td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
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<tr>
<td><strong>Gross weight (kg)</strong></td>
<td>6.4</td>
<td>6.4</td>
<td>6.4</td>
<td>6.4</td>
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</tbody>
</table>
## Industrial Fanless System

### NISE 3900E-H310
- **CPU**: 6th Gen Intel® Core™ i7/i5/i3 LGA socket
- **Chipset**: H310 PCH
- **Max. Memory**: 16GB DDR4
- **HDD Space**: 1 x 2.5" SATA HDD bay
- **CFast Socket**: -
- **eMMC**: -
- **VGA**: -
- **LVDS**: 2
- **DVI**: 1 (DVI-D)
- **HDMI**: 1
- **DisplayPort**: -
- **USB**: 2 x USB 3.0, 2 x USB 2.0
- **Serial Port**: 2
- **RS422/485**: -
- **mini-PCIe**: 1
- **System Dimension**: 215 x 272 x 94 mm
- **Net weight (kg)**: 5
- **Net weight (lbs)**: 2.2
- **Gross weight**: 6.54

### NISE 4200
- **CPU**: 6th Gen Intel® Core™ i7/i5/i3 LGA socket
- **Chipset**: QM/HM170 PCH
- **Max. Memory**: 32GB DDR4
- **HDD Space**: 1 x 2.5" SATA HDD bay
- **CFast Socket**: -
- **eMMC**: -
- **VGA**: -
- **LVDS**: 2
- **DVI**: 1 (DVI-D)
- **HDMI**: 1
- **DisplayPort**: 2
- **USB**: 4 x USB 3.0, 2 x USB 2.0
- **Serial Port**: 6
- **RS422/485**: 2 (RS232/422/485)
- **mini-PCIe**: 1
- **System Dimension**: 378 x 342 x 269 mm
- **Net weight (kg)**: 2
- **Net weight (lbs)**: 4.4
- **Gross weight**: 5.54

### NISE 4300
- **CPU**: 6th Gen Intel® Core™ i7/i5/i3 LGA socket
- **Chipset**: Intel® Sky Lake U
- **Max. Memory**: 16GB DDR3L
- **HDD Space**: 1 x 2.5" SATA HDD bay
- **CFast Socket**: -
- **eMMC**: -
- **VGA**: -
- **LVDS**: 2
- **DVI**: -
- **HDMI**: 1
- **DisplayPort**: 2
- **USB**: 2 x USB 3.0, 2 x USB 2.0
- **Serial Port**: 3
- **RS422/485**: 2 (RS232/485)
- **mini-PCIe**: 1
- **System Dimension**: 358 x 313 x 147 mm
- **Net weight (kg)**: 1.8
- **Net weight (lbs)**: 4
- **Gross weight**: 6.54

## XPPC Series

### XPPC 10-100
- **CPU**: Intel® Celeron® J3455 Quad Core, 1.50 GHz
- **OS**: Win10/Linux
- **Memory**: 1 x DDR3L SO-DIMM, up to 8GB
- **Storage**: 1 x M.2 M-Key 2242
- **2nd Display Output**: HDMI
- **Ethernet (10/100/1000)**: 2
- **USB 3.0**: 2
- **COM port**: 1 x RS232/422/485
- **Power Switch**: 1
- **Remote Power Switch**: -
- **Power Jack**: DC jack connector with lock
- **Expansion**: 1 x mini-PCIe, 1 x Sim Card slot
- **Construction Front Panel**: Metal
- **Power Input**: 19V DC
- **Power Supply Adapter**: 45W AC/DC power adapter with lock
- **Operating Temp.**: 0°C to 50°C
- **Storage Temp.**: -20°C to 60°C
- **Operating Humidity**: 10%~90%, Non-condensing
- **Certification**: CE: EN55032/32, FCC Class A
- **Cut Out Size**: 248.5 x 154.9 mm
- **Dimension**: 263 x 178.3 x 44.7 mm
- **Net weight (kg)**: 2

### XPPC 16-100
- **CPU**: Intel® Celeron® J3455 Quad Core, 1.50 GHz
- **OS**: Win10/Linux
- **Memory**: 1 x DDR3L SO-DIMM, up to 8GB
- **Storage**: 1 x M.2 M-Key 2242
- **2nd Display Output**: HDMI
- **Ethernet (10/100/1000)**: 2
- **USB 3.0**: 2
- **COM port**: 1 x RS232/422/485
- **Power Switch**: 1
- **Remote Power Switch**: -
- **Power Jack**: DC jack connector with lock
- **Expansion**: 1 x mini-PCIe, 1 x Sim Card slot
- **Construction Front Panel**: Metal
- **Power Input**: 19V DC
- **Power Supply Adapter**: 90W AC/DC power adapter with lock
- **Operating Temp.**: 0°C to 50°C
- **Storage Temp.**: -20°C to 60°C
- **Operating Humidity**: 10%~90%, Non-condensing
- **Certification**: CE: EN55032/32, FCC Class A
- **Cut Out Size**: 248.5 x 154.9 mm
- **Dimension**: 263 x 178.3 x 44.7 mm
- **Net weight (kg)**: 2
**Applied Panel PC**

<table>
<thead>
<tr>
<th>Model</th>
<th>APPC 0840T</th>
<th>APPC 1140T-B</th>
<th>APPC 1245T-B</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LCD Size</strong></td>
<td>8.0”</td>
<td>12.7”</td>
<td>12.7”</td>
</tr>
<tr>
<td><strong>Max Resolution</strong></td>
<td>SVGA, 800 x 600</td>
<td>SVGA, 800 x 600</td>
<td>XGA, 1024 x 768</td>
</tr>
<tr>
<td><strong>Luminance (cd/m²)</strong></td>
<td>400</td>
<td>500</td>
<td>500</td>
</tr>
<tr>
<td><strong>Contrast Ratio</strong></td>
<td>500</td>
<td>700</td>
<td>700</td>
</tr>
<tr>
<td><strong>Color Temperature</strong></td>
<td>5700K</td>
<td>7200K</td>
<td>9600K</td>
</tr>
<tr>
<td><strong>Viewing Angle (H-V)</strong></td>
<td>70°</td>
<td>80°</td>
<td>80°</td>
</tr>
<tr>
<td><strong>Screen Type</strong></td>
<td>LED</td>
<td>LED</td>
<td>LED</td>
</tr>
<tr>
<td><strong>Touch Screen</strong></td>
<td>Resizable 5-wire</td>
<td>Resizable 5-wire</td>
<td>Resizable 5-wire</td>
</tr>
<tr>
<td><strong>Temperature</strong></td>
<td>-20°C to 75°C</td>
<td>-20°C to 75°C</td>
<td>-20°C to 75°C</td>
</tr>
<tr>
<td><strong>Humidity (Non-condensing)</strong></td>
<td>10%~90%</td>
<td>10%~90%</td>
<td>10%~90%</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>+12 to 30V DC</td>
<td>+12 to 30V DC</td>
<td>+12 to 30V DC</td>
</tr>
<tr>
<td><strong>Panel/Wall/Stand/VESA</strong></td>
<td>Terminal blocks 6-pin phoenix connector</td>
<td>Terminal blocks 6-pin phoenix connector</td>
<td>Terminal blocks 6-pin phoenix connector</td>
</tr>
<tr>
<td><strong>Mounting</strong></td>
<td>ABS+PC plastic front bezel</td>
<td>ABS+PC plastic front bezel</td>
<td>ABS+PC plastic front bezel</td>
</tr>
<tr>
<td><strong>Net Weight (kg)</strong></td>
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<td>3.6</td>
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**Model**

<table>
<thead>
<tr>
<th>Model</th>
<th>APPC 1540T-C</th>
<th>APPC 1544T</th>
<th>APPC 1740T-B</th>
<th>APPC1940T-C</th>
<th>APPC 3154</th>
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<tr>
<td><strong>LCD Size</strong></td>
<td>17”</td>
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<td>19”</td>
<td>19”</td>
<td>15”</td>
</tr>
<tr>
<td><strong>Max Resolution</strong></td>
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<td>XGA, 1024 x 768</td>
<td>XGA, 1280 x 1024</td>
<td>XGA, 1280 x 1024</td>
<td>XGA, 1024 x 768</td>
</tr>
<tr>
<td><strong>Luminance (cd/m²)</strong></td>
<td>400</td>
<td>300</td>
<td>350</td>
<td>350</td>
<td>800</td>
</tr>
<tr>
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<td>1000</td>
<td>800</td>
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<tr>
<td><strong>Color Temperature</strong></td>
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<td>16.2M</td>
<td>16.7M</td>
<td>16.7M</td>
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<tr>
<td><strong>Viewing Angle (H-V)</strong></td>
<td>70°(L), 70°(R)</td>
<td>70°(L), 70°(R)</td>
<td>85°(L), 85°(R)</td>
<td>85°(L), 85°(R)</td>
<td>85°(L), 85°(R)</td>
</tr>
<tr>
<td><strong>Screen Type</strong></td>
<td>LED</td>
<td>LED</td>
<td>LED</td>
<td>LED</td>
<td>LED</td>
</tr>
<tr>
<td><strong>Touch Screen</strong></td>
<td>Resizable 5-wire</td>
<td>Resizable 5-wire</td>
<td>Resizable 5-wire</td>
<td>Resizable 5-wire</td>
<td>Resizable 5-wire</td>
</tr>
<tr>
<td><strong>Temperature</strong></td>
<td>0°C to 50°C</td>
<td>0°C to 50°C</td>
<td>0°C to 50°C</td>
<td>0°C to 50°C</td>
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<tr>
<td><strong>Humidity (Non-condensing)</strong></td>
<td>10%~90%</td>
<td>10%~90%</td>
<td>10%~90%</td>
<td>10%~90%</td>
<td>10%~90%</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>+12 to 30V DC</td>
<td>+12 to 30V DC</td>
<td>+12 to 30V DC</td>
<td>+12 to 30V DC</td>
<td>+12 to 30V DC</td>
</tr>
<tr>
<td><strong>Panel/Wall/Stand/VESA</strong></td>
<td>Terminal blocks 3-pin phoenix connector</td>
<td>Terminal blocks 3-pin phoenix connector</td>
<td>Terminal blocks 3-pin phoenix connector</td>
<td>Terminal blocks 3-pin phoenix connector</td>
<td>Terminal blocks 3-pin phoenix connector</td>
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<tr>
<td><strong>Mounting</strong></td>
<td>ABS+PC plastic front bezel</td>
<td>ABS+PC plastic front bezel</td>
<td>ABS+PC plastic front bezel</td>
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<td><strong>Net Weight (kg)</strong></td>
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<td>6.3</td>
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</table>

*Only for China*
About NEXCOM

Reliable Partner for the Intelligent Solutions — Committed to Customer Success

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 eight global businesses, which are Industrial Mesh, Intelligent Digital Security, Intelligent Platforms and Services, Mobile Computing Solutions, Medical and Healthcare Informatics, Network and Communication Solutions, Smart Manufacturing, and Open Robotics and Machinery. 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 five subsidiaries, from China, 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.

Corporate Vision

To become the industrial leader in providing intelligent solutions, NEXCOM utilizes its industry leading technology, localized customer support and worldwide logistic 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.