

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

Industrial Fanless System

Celeron®/Core™ i

Neu-X100

Fanless Embedded Computer Powered by Intel® Apollo Lake N3350/J3455 Processor

- Onboard Intel® Celeron N3350/J3455 SoC processor
- Dual HDMI 4K independence display, 4096 x 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



Visual Signage Solution

Core™ i/Celeron®/Atom®/AMD

NDiS B328-KI3

Fanless Embedded Computer Powered by Intel® Core™ i3-7100U, SoC Processor

- Onboard Intel® Core™ i3-7100U Dual Core SoC processor
- Dual independent displays with HDMI 4K resolution
- Two DDR4 SO-DIMM support, up to 32G.
- 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 6 x USB (4 x USB 3.0, 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



Visual Signage Solution

Module

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 out
- 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
- 3 x Video output, HDMI/DP support 4K2K resolution
- Dual DDR3L SO-DIMM, up to 16G
- 5 x USB 3.0 support
- Supports Wi-Fi, LTE module via M.2 E key and mini-PCIe slot
- Extended temperature support: -10°C to 60°C
- Compact, slim and fanless design (H: 21.5mm)



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/B Key, 2280/2242 size storage device
- 4 x USB 3.0 support
- M.2 E key slot for optional Wi-Fi module



Industrial Fanless System

Atom®/Celeron®

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-PCle expansion for optional mSATA and Wi-Fi/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 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 Intel® I210-IT GbE LAN ports; support WoL, teaming and PXE
- Support both 2.5" HDD and M.2 (front access)
- 1 x mini-PCle expansion for Wi-Fi/3.5G/LTE wireless modules
- 4 x USB 3.0, 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 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-PCle expansion with SIM holder for communication modules
- 1 x M.2 B key for storage/LTE module, 1 x M.2 A key for Wi-Fi 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 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-IT) support WoL, teaming and PXE
- 2 x USB 2.0, 2 x USB3.0, 1 x RS232/422/485, 2 x RS232
- Support 1 x mini-PCle for Wi-Fi/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



Industrial Fanless System

6th Gen. Core™ i

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 MT/s, 16G max
- 1 x DVI-D and 1 x HDMI with independent display
- 1 x 2.5" SATA HDD, 2 x mini-PCle socket
- 6 x USB, 2 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 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® Q170 chipset
- 2 x SO-DIMM DDR4 non ECC up to 1866/2133 MT/s, 16G max
- 1 x DVI-D, 1 x HDMI, and 1 x DP with independent display
- 1 x 2.5" SATA HDD, 2 x mini-PCle socket, 1 x M.2 socket (storage)
- 6 x USB, 3 x Intel® GbE LAN, 2 x RS232/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 MT/s, 16G max
- 1 x DVI-D, 1 x HDMI, and 1 x DP with independent display
- 2 x 2.5" HDD optional, 2 x mini-PCle socket, 1 x M.2 socket (storage)
- 6 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



Industrial Fanless System

8th Gen. Core™ i

NISE 3900E

8th Generation Intel® Core™ i7/i5/i3 LGA Industrial Fanless System with Expansion

- Intel® Core™ i7-8700T/i5-8500T/i3-3100T 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/i3-3100T 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 PCI 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/i3-3100T 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



Industrial Fanless System

U-series 6th Gen. Core™ i

NISE 4200

H-series 6th Generation Intel® Core™ i5/i3 BGA Industrial Fanless System

- Intel® Core™ i5-6442EQ/i3-6102EQ BGA, high performance CPU
- Intel® QM170/HM170 chipset
- 2 x SO-DIMM DDR4 Non ECC up to 2400 MT/s, 32G max
- 1 x DVI-D and 2 x DP with independent display
- 1 x 2.5" SATA HDD, 2 x mini-PCIe socket, 1 x M.2 socket
- 6 x USB, 2 x Intel® GbE LAN
- 2 x RS232/RS422/RS485, 4 x RS232
- 24V +/- 20% DC input; ATX power mode



NISE 4300

U-series 6th Generation Intel® Core™ i5/i3 BGA Industrial Fanless System

- Intel® Core™ i5-6300U/i3-6100U BGA, high performance CPU
- 2 x SO-DIMM DDR3L non ECC up to 1866 MT/s, 16G max
- 2 x DP, and 1 x LVDS (internal) with independent display
- 1 x 2.5" SATA HDD
- 2 x mini-PCIe socket, 1 x M.2 socket
- 4 x USB, 2 x Intel® GbE LAN
- 1 x RS232/422/485, 2 x RS232
- 24 VDC +/- 20% DC input; ATX power mode



AI Accelerator

Movidius™

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



Panel PC System

Celeron®

XPPC 10-100

10.1" 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 xHDMI, 1 x mini-PCIe sockets and 1 x RS232/422/485
- IP65 compliant on front panel
- Mounting support: panel/open frame/VESA 75 x 75mm
- Support 19 VDC with 45W AD/DC power adapter



Panel PC System

Celeron®

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 30VDC



XPPC 16-100

15.6" 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 x 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



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 30VDC
- 2nd display out: VGA, 1 x Line-out for feature highlight

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, 1 x HDMI, 1 x mini-PCIe sockets and 1 x RS232/422/485
- IP65 compliant front panel
- Mounting support: panel/open frame/VESA 100 x 100mm
- Support 19 VDC with 90W AD/DC power adapter



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 B-KEY 2242 for storage device
- 4 x USB, 1 x mini-PCIe sockets, 1 x RS232/422/485, 2x DP
- IP65 compliant front panel
- Mounting support: panel/wall/stand/VESA 100 x 100mm
- Support 24 VDC input



NDiS/Neu Product Selection Guide

Number of Display Outputs	Output Platform Processor	HDMI	DP	VGA	Multimedia Support	Recommended Model
1	ARM	1			4K	NDiS B115
2	Intel® Celeron®	2			Full HD 1080	NDiS M324
		1		1	4K	NDiS B327
		2			4K	Neu-X100
		1	1		4K	NDiS B425-SI3
	Intel® Core™ i	2			4K	NDiS B537NDiS B328-KI3
		2			4K	NDiS M533
		1	1		4K	NDiS M537NDiS S538
3	Intel® Celeron®	3			4K	NDiS M335
	Intel Atom®	2	1		4K	NDiS B336R
	Intel® Core™ i	2	1		4K	NDiS M535NDiS B537-I
		3			4K	Neu-X300
		3			4K	NDiS B535
4	AMD V Gen	4			4K	NDiS V1000
6	Intel® Core™ i	6			4K	NDiS B866

Fan

Fanless

4K Resolution

Cost Effective Player

Model					
	NDiS B115	NDiS B425-SI3	NDiS B336R	NDiS B327	NDiS B328-KI3
CPU	Rockchip RK3288	Intel® Core™ i3-6100U	Intel Atom® E3950	Intel® Celeron® N3060	Intel® Core™ i3-7100U
Chipset	Embedded	N/A	N/A	N/A	N/A
Graphic	ARM Mali-T760 (embedded)	Intel® HD520 Graphics	Intel® Gen. 9 Graphics	Intel® HD400 Graphics	Intel® HD620 Graphics
RAM	DDR3 2GB on board	2 x DDR3L SO-DIMM, up to 16GB	2 x DDR3L SO-DIMM, up to 16GB	DDR3L SO-DIMM, up to 8GB	DDR4 SO-DIMM, up to 32GB
LAN	1 x 10/100M/1000Mbps	1 x 10/100M/1000Mbps	1 x 10/100M/1000Mbps	1 x 10/100M/1000Mbps	1 x 10/100M/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	NGFF (M2) 22x42 (SATA)	NGFF (M2) 22x80 (SATA)
Video Output	1 x HDMI (2.0)	1 x mini-DP, 1 x HDMI	1 x DP, 2 x HDMI	1 x VGA, 1 x HDMI	2 x HDMI
Display Resolution	3840 x 2160	3840 x 2160	3840 x 2160	VGA: 1920 x 1200 HDMI: 3840 x 2160	3840 x 2160
Output Channel	1 Independent	2 Independent or clone	3 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, VP8, VC1, H.264, H.265	Hardware decode: MPEG1, MPEG2, VP8, VC1, H.264, H.265	Hardware decode: MPEG1, MPEG2, VP8, VC1, H.264, H.265	Hardware decode: MPEG1, MPEG2, VP8, VC1, H.264, H.265
Audio Output	1 x Line-out	1 x Line-out, 1 x Mic-in	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	N/A
RS-232	1 (UART)	1	1	1	1
USB 2.0	2			2	
USB 3.0	N/A	4	5	2	4
Expansion Slot	N/A	1 x mini-PCIe (Half)	1 x mini-PCIe 1 x NGFF(M2) 2230	1 x mini-PCIe	1 x NGFF(M2) 2230
Operating Temperature	-10°C to 50°C	0°C to 40°C	-20°C to 60°C	0°C to 40°C	-20°C to 50°C
Power Type	5V DC	19V DC	19V DC	19V DC	19V DC
Dimension (WxDxH) (mm)	118 x 101 x 23.6	167x 139.6 x 45	259 x 147.4 x 21	190 x 149 x 25	224.34 x 147.4 x 29
OS Support	Android 4.4	Win7/Win8.1/WES8/Win10/Linux	Win10/Linux	Win7/Win10	Win10

Performance Player

Model		
	NDiS B535	NDiS B537/B537-I
CPU	6th generation Intel® Core™ LGA socket type processor (up to 35W)	7/6th generation Intel® Core™ LGA socket type processor (up to 35W)
Chipset	Intel® Q170 PCH	Intel® H110 PCH(B537)/Intel® Q170 PCH (B573-I)
Graphic	Intel® integrated HD 530 graphic engine	Intel® integrated HD 600 series
RAM	2 x DDR4 SO-DIMM up to 32GB	2 x DDR4 SO-DIMM up to 32GB
LAN	2 x 10/100/1000Mbps	1 x 10/100/1000Mbps (B537)/2 x 10/100/1000Mbps (B537-I)
WLAN	Optional	Optional
Hard Disk	1 x 2.5" SATA	1 x 2.5" SATA
Flash Storage	NGFF (M2) 22 x 42 / 22 x 80	N/A
Video Output	3 x HDMI (2.0)	B537: 1 x HDMI, 1 x HDMI (2.0)/B537-I: 1 x HDMI, 1 x HDMI (2.0), 1 x DisplayPort
Display Resolution	3840 x 2160	up to 3840 x 2160
Output Channel	3 Independent or Clone	2 Independent or Clone/3 Independent or Clone
Video Capability	Hardware decode: MPEG2,VC1, VP8, H.264, H/265	Hardware decode: MPEG2,VC1, VP9, H.264, H/265
Audio Output	1 x Line-out, 1 x Mic-in	1 x Line-out, 1 x Mic-in
TV Tuner	Optional	Optional
RS-232	4	2
USB 2.0	N/A	N/A
USB 3.0	6	4
Expansion Slot	1 x mini-PCIe 1 x NGFF(M2) 2230	1 x mini-PCIe 1 x NGFF(M2) 2230
Operating Temperature	0°C to 40°C	-10°C to 45°C
Power Type	12V DC	12V DC
Dimension (WxDxH) (mm)	294 x 198 x 52	295 x 189.9 x 33
OS Support	Win7/Win8.1/WES8/Win10/Linux	Win10/Linux

OPS Module Player

Model		
	NDiS M324	NDiS M335
CPU	Intel® Celeron® processor J1900	Intel® Celeron® N3160
Chipset	N/A	N/A
Graphic	Intel® Gen. 7 graphics	Intel® HD Graphics
RAM	2 x DDR3L SO-DIMM, up to 8GB	2 x DDR3L SO-DIMM, up to 8GB
LAN	1 x 10/100/1000Mbps	1 x 10/100/1000Mbps
WLAN	Optional	Optional
Hard Disk	1 x 2.5" SATA	1 x 2.5" SATA
Flash Storage	N/A	NGFF (M2) 22x42 (SATA)
Video Output	1 x HDMI, 1 x TMDS (via JAE connector)	2 x HDMI, 1 x TMDS (via JAE connector)
Display Resolution	1920 x 1080	HDMI1:1920 x 1080 HDMI2: 3840 x 2160 TMDS(via JAE):3840 x 2160
Output Channel	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
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)
TV Tuner	Optional	Optional
RS-232	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)
USB 3.0	4 (3 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
Operating Temperature	0°C to 45°C	0°C to 45°C
Power Type	12-19V DC (via JAE connector)	12-19V DC (via JAE connector)
Dimension (WxDxH) (mm)	200 x 119 x 30	200 x 119 x 30
OS Support	Win7/Win8.1/WES8/Linux	Win7/Win8.1/WES8/Win10/Linux

SDM Module Player

		
NDiS M533	NDiS M535	NDiS M537 (OPS+)
4th generation Intel® Core™ i3-4100/i5-4400E processor	6th generation Intel® Core™ i5-6440EQ/i7-6820EQ BGA type processor	7/6th generation Intel® Core™ LGA socket type processor (up to 35W)
Intel® QM87	Intel® QM170 PCH	Intel® QM170 PCH
Intel® integrated HD4600 graphic engine	Intel® integrated HD 530 graphic engine	Intel® integrated HD 600 series
2 x DDR3L SO-DIMM, up to 16GB	2 x DDR4 SO-DIMM, up to 32GB	2 x DDR4 SO-DIMM, up to 32GB
1 x 10/100/1000Mbps	1 x 10/100/1000Mbps	1 x 10/100/1000Mbps
Optional	Optional	N/A
1 x 2.5" SATA	1 x 2.5" SATA	N/A
N/A	N/A	NGFF (M2) 22x42 (SATA)
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 (HDMI 2.0) (via JAE connector)	1 x mini DP, 1 x TMDS(HDMI2.0) (via JAE connector). 1 x DP (via FX18)
3840 x 2160	3840 x 2160	3840 x 2160
2 Independent or Clone	3 Independent or Clone	3 Independent or Clone
Hardware decode: MPEG2, VC1, H.264,	Hardware decode: MPEG2,VC1, VP8, H.264, H/265	Hardware decode: MPEG2,VC1, VP9, H.264, H/265
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)
Optional	Optional	N/A
1 (RJ45), 1 x TX/RX (via JAE connector)	1 x TX/RX (via JAE connector)	1 x TX/RX (via JAE connector)
2 (2 x via JAE connector)	2 (2 x via JAE connector)	2 (2 x via JAE connector)
5 (4 x External, 1 x via JAE connector)	3 (2 x External, 1 x via JAE connector)	3 (2 x External, 1 x via JAE connector)
1 x mini-PCIe	1 x mini-PCIe	1 x m.2 2230
0°C to 45°C	0°C to 45°C	0°C to 45°C
12-19V DC (via JAE connector)	12-19V DC (via JAE connector)	12-19V DC (via JAE connector)
200 x 119 x 30	200 x 119 x 30	200 x 119 x 30
Win7/Win8.1/WES8/Linux	Win7/Win8.1/WES8/Win10/Linux	Win10/Linux

Model	
	NDiS S538 (SDM-L)
CPU	6th generation Intel® Core™ LGA socket type processor (up to 35W)
Chipset	Intel® QM170 PCH
Graphic	Intel® integrated HD 600 series
RAM	2 x DDR4 SO-DIMM up to 16GB
LAN	1 x 10/100/1000Mbps
WLAN	N/A
Hard Disk	N/A
Flash Storage	NGFF (M2) 22x80
Video Output	1 x mini DP, 1 x TMDS (HDMI 2.0) (via JAE connector). 1x DP (via FX18)
Display Resolution	3840 x 2160
Output Channel	3 Independent or Clone
Video Capability	Hardware decode: MPEG2, VC1, VP9, H.264, H/265
Audio Output	1 x Line-out (via JAE connector)
TV Tuner	N/A
RS-232	1 x TX/RX (via JAE connector)
USB 2.0	2 (2 x via JAE connector)
USB 3.0	5 (4 x External, 1 x via JAE connector)
Expansion Slot	1 x M.2 2230
Operating Temperature	0°C to 55°C
Power Type	12-19V DC (via JAE connector)
Dimension (WxDxH) (mm)	175 x 100 x 20
OS Support	Win10/Linux

Video Wall

Model		
	NDiS B866	NDiS V1000
CPU	6th generation Intel® Core™ LGA socket type processor (up to 65W)	AMD V1605B Quad Core
Chipset	Intel® Q170 PCH	N/A
Graphic	AMD Radeon™ E8870	AMD Radeon™ Vega 8
RAM	4 x DDR4 SO-DIMM up to 64GB	2 x DDR4 SO-DIMM up to 32GB
LAN	2 x 10/100/1000Mbps	2 x 10/100/1000Mbps
Hard Disk	2 x 2.5" SATA	1x M.2
Flash Storage	N/A	M2 22x42/ 22x80 (SATA)
Video Output	6 x HDMI 2.0	4 x HDMI
Display Resolution	3840 x 2160	3840 x 2160
Output Channel	6 Independent, Expanded or Clone	4 Independent, Expanded or Clone
Video Capability	Hardware decode: MPEG1, MPEG2, VC1, H.264	Hardware decode: 4K @60Hz
Audio Output	1 x S/PDIF, 1 x MIC-in, 1 x Line-out	1 x Line-out
TV Tuner	Optional	N/A
RS-232	2	1
USB 2.0	N/A	N/A
USB 3.0	6	4
Expansion Slot	1 x mini-PCIe 2 x NGFF (M Key supports 2242, 2280) 1 x NGFF (E Key supports 1630, 2230)	1 x NGFF(M2) 2230
Operating Temperature	0°C to 40°C	0°C to 40°C
Power Type	300W ATX power supply	12VDC
Dimension (WxDxH) (mm)	428 x 344 x 44	190 x 200 x 54.4
OS Support	Win7/Win8.1/Win10/Linux	Win10/Linux

Industrial Fanless Box

Model		
	Neu-X100	Neu-X300
CPU	Intel® Celeron® N3350 Intel® Celeron® J3455	8th generation Intel® Core™ LGA socket type processor (up to 35W)
Chipset	N/A	Intel® Q370 /H310 PCH
Graphic	Intel® HD 500 Graphics	Intel® UHD Graphics 630
RAM	DDR3L SO-DIMM, up to 8GB	DDR4 SO-DIMM, up to 32GB
LAN	2 x 10/100/1000Mbps	2 x 10/100/1000Mbps
WLAN	Optional	Optional
Hard Disk	N/A	N/A
Flash Storage	NGFF (M2) 22x42 (SATA)	NGFF (M2) 22x80 (SATA/PCIe)
Video Output	2 x HDMI	3 x HDMI (Q370) 2 x HDMI (H310)
Display Resolution	3840 x 2160	3840 x 2160
Output Channel	2 Independent or clone	3 Independent or clone
Video Capability	Hardware decode: HEVC (H.265), H.264, MVC, VP8, VP9, MPEG2, VC-1, WMV9, JPEG/MJPEG	Hardware decode: MPEG-2 (H.262), MPEG-4 (H.264), JPEG/MJPEG, HEVC(H.265), VC-1, VP8, VP9
Audio Output	1x Line-out	1x Line-out
TV Tuner	N/A	N/A
RS-232	1	1
USB 2.0		
USB 3.0	2	4
Expansion Slot	1 x Mini-PCIe	1 x NGFF(M2) 2230
Operating Temperature	-5°C to 50°C	0°C to 45°C
Power Type	19VDC	12VDC
Carton Dimension (WxDxH) (mm)	152 x 106 x 30	190 x 200 x 54.4
OS Support	Win10/Linux	Win10/Linux

Industrial Fanless System

Model						
	NISE 50	NISE 50-J1900	NISE 51	NISE505	NISE 105	NISE 105U
CPU	Intel Atom® E3826 1.46GHz	Intel® Celeron® J1900 2.00GHz	Intel® Celeron® N3350/J3455	Intel® Celeron® J1900 2.00GHz	Intel Atom® E3826 1.46GHz	Intel® Celeron® J1900 2.0GHz
Chipset	Intel® Bay Trail-I	Intel® Bay Trail-D	Intel® Apollo Lake	Intel® Bay Trail-D	Intel® Bay Trail-I	Intel® Bay Trail-D
Max. Memory	2G DDR3L onboard	DDR3L SODIMM socket (Support 4G memory max)	8GB DDR3L	DDR3L SODIMM socket (Support 4G memory max)	8GB DDR3L	8GB DDR3L
HDD Space	-	-	-	-	1 x 2.5" SATA 2.0 HDD bay	1 x 2.5" SATA 2.0 HDD bay
CFast Socket	-	-	-	-	1 (External, SATA 2.0 CFast)	-
eMMC	16GB	-	16GB	32GB	-	-
VGA	-	-	-	-	-	-
LVDS	-	-	-	-	-	-
DVI	-	-	-	-	1 (DVI-I)	1 (DVI-I)
HDMI	1	1	-	1	1	1
DisplayPort	-	-	1	-	-	-
USB	4 x USB 2.0	4 x USB 2.0	2 x USB 3.0 2 x USB 2.0	2 x USB 2.0	2 x USB 2.0 1 x USB 3.0	2 x USB 2.0 1 x USB 3.0
Serial Port	3	3	3	1	4	4
RS422/485	1	1	1	-	2	2
RS422/485 Isolation	-	-	-	-	-	-
mini-PCIe	3	3	1	2	1	1
M.2	-	-	2	-	-	1
SIM Card Holder	1	1	1	-	1	1
GPIO	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)
LAN Ports	2 x GbE	2 x GbE	2 x GbE	3 x GbE	2x GbE	2x GbE
Audio	Mic-in & Line-out	-	Mic-in & Line-out	-	Mic-in & Line-out	Mic-in & Line-out
Power Input Range	ATX, DC +24V	ATX, DC +12V	ATX, DC +12V/+24V	ATX, DC +12V	ATX, DC + 9V ~ 30VDC	ATX, DC + 9V ~ 30VDC
Power Supply Adapter	Optional	Optional	Optional	Optional	Optional	Optional
Expansion	-	-	-	-	-	-
Win7 32-bit	V	-	-	V	V	V
Win7 64-bit	V	V	-	V	V	V
WES2009 32-bit	-	-	-	-	-	-
Win8 32-bit	V	-	-	-	V	-
Win8 64-bit	V	-	-	-	V	-
WinCE/WEC	-	-	-	-	WinCE 7.0	WinCE 7.0
Win10 32-bit	V	-	-	V	-	-
Win10 64-bit	V	V	V	V	V	V
System Dimension (WxDxH)(mm)	162 x 150 x 26	162 x 150 x 26	162 x 150 x 26	162 x 26 x 150	185 x 131 x 54	185 x 131 x 54
Carton Dimension (WxDxH) (mm)	233 x 227 x 169	233x 227 x 169	233x 227 x 169	233x 227 x 169	318 x 245 x 152	318 x 245 x 152
Net Weight (kg)	0.87	0.87	0.87	0.87	1.3	1.3
Gross Weight (kg)	2	2	2	1.5	2	2

Industrial Fanless System

Model						
	NISE 106-N3710	NISE 106-N3160	NISE 107	NISE 107-E3940	NISE 107-POE	NISE 108
CPU	Intel® Pentium® N3710 1.6GHz	Intel® Celeron® N3160 1.6GHz	Intel Atom® E3930 1.30 GHz	Intel Atom® E3940 1.60 GHz	Intel Atom® E3940 1.60 GHz	Intel® Celeron® J3455 1.50GHz
Chipset	Intel® Braswell	Intel® Braswell	Intel® Apollo Lake	Intel® Apollo Lake	Intel® Apollo Lake	Intel® Apollo Lake
Max. Memory	8GB DDR3L	8GB DDR3L	8GB DDR3L	8GB DDR3L	8GB DDR3L	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	-	-	-	-	-	-
VGA	-	-	-	-	-	-
LVDS	-	-	-	-	-	Dual, 48-bit (Internal)
DVI	1 (DVI-D)	1 (DVI-D)	1 (DVI-D)	1 (DVI-D)	1 (DVI-D)	-
HDMI	1	1	-	-	-	-
DisplayPort	1	1	1	1	1	2
USB	4 x USB 3.0	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
RS422/485	2	2	2	2	2	1
RS422/485 Isolation	-	-	-	-	-	-
mini-PCle	1	1	1	1	1	1
M.2	-	-	1 (External)	1 (External)	1 (External)	1
SIM Card Holder	1	1	1	1	1	-
GPIO	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)	8-in/8-out (Internal)
LAN Ports	2 x GbE	2 x GbE	2x GbE	2x GbE	2 x GbE with 1 x PoE	2 x GbE
Audio	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out	-
Power Input Range	ATX, DC + 9V ~ 30VDC	ATX, DC + 9V ~ 30VDC	ATX, DC + 9V ~ 30VDC	ATX, DC + 9V ~ 30VDC	ATX, DC + 9V ~ 30VDC	ATX,DC + 24V
Power Supply Adapter	Optional	Optional	Optional	Optional	Optional	Optional
Expansion	-	-	-	-	-	-
Win7 32-bit	-	-	-	-	-	-
Win7 64-bit	V	V	-	-	-	-
WES2009 32-bit	-	-	-	-	-	-
Win8 32-bit	-	-	-	-	-	-
Win8 64-bit	V	V	-	-	-	-
WinCE/WEC	-	-	-	-	-	-
Win10 32-bit	-	-	-	-	-	-
Win10 64-bit	V	V	V	V	V	V
System Dimension (WxDxH)(mm)	185 x 131 x 54	185 x 131 x 54	185 x 131 x 54	185 x 131 x 54	185 x 131 x 69	185 x 131 x 54
Carton Dimension (WxDxH) (mm)	318 x 245 x 152	318 x 245 x 152	318 x 245 x 152	318 x 245 x 152	318 x 245 x 167	318 x 245 x 167
Net Weight (kg)	1.3	1.3	1.3	1.3	2	1.3
Gross Weight (kg)	2	2	2	2	2.5	2

				
NISE 2400	NISE 2400-J1900	NISE 2410	NISE 2410-J1900	NISE 2410E
Intel Atom® E3827 1.75GHz	Intel® Celeron® J1900 2.0GHz	Intel Atom® E3827 1.75GHz	Intel® Celeron® J1900 2.0GHz	Intel Atom® E3845 1.91GHz
Intel® Bay Trail-I	Intel® Bay Trail	Intel® Bay Trail-I	Intel® Bay Trail	Intel® Bay Trail-I
8GB DDR3L	8GB DDR3L	8GB DDR3L	8GB DDR3L	8GB DDR3L
1 x 2.5" SATA II HDD bay	1 x 2.5" SATA II HDD bay	1 x 2.5" SATA II HDD bay	1 x 2.5" SATA II HDD bay	1 x 2.5" SATA II HDD bay
1 (External, CFast)	1 (External, CFast)	1 (External, CFast)	1 (External, CFast)	1 (External, CFast)
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
1 (DVI-I)	1 (DVI-I)	1 (DVI-I)	1 (DVI-I)	1 (DVI-I)
1	1	1	1	1
-	-	-	-	-
4 x USB 2.0 1 x USB 3.0	4 x USB 2.0 1 x USB 3.0	4 x USB 2.0 1 x USB 3.0	4 x USB 2.0 1 x USB 3.0	4 x USB 2.0 1 x USB 3.0
4	4	4	4	4
2	2	2	2	2
-	-	-	-	-
2	2	2	2	2
-	-	-	-	-
1	1	1	1	1
4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)
2 x GbE	2 x GbE	2 x GbE	2 x GbE	2 x GbE
Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out
ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V
Optional	Optional	Optional	Optional	Optional
-	-	1 x PCI	1 x PCI	1 x PCIe x4
V	V	V	V	V
V	V	V	V	V
-	-	-	-	-
V	V	V	V	V
V	V	V	V	V
WinCE 7.0	WinCE 7.0	WinCE 7.0	WinCE 7.0	WinCE 7.0
-	-	-	-	-
V	V	V	V	V
195 x 200 x 65	195 x 200 x 65	195 x 200 x 90	195 x 200 x 90	195 x 200 x 90
335 x 294 x 193	335 x 294 x 193	335 x 294 x 193	335 x 294 x 193	335 x 294 x 193
2.7	2.7	3	3	3
4	4	4.4	4.4	4.4

Industrial Fanless System

Model					
	NISE 2420	NISE3600E	NISE 3600E2	NISE 3600P2	NISE 3600P2E
CPU	Intel Atom® E3845 1.91GHz	3rd Gen Intel® Core™ i5/i3 socket (2nd Gen Intel® Core™ i5/i3 socket)	3rd Gen Intel® Core™ i5/i3 socket (2nd Gen Intel® Core™ i5/i3 socket)	3rd Gen Intel® Core™ i5/i3 socket (2nd Gen Intel® Core™ i5/i3 socket)	3rd Gen Intel® Core™ i5/i3 socket (2nd Gen Intel® Core™ i5/i3 socket)
Chipset	Intel Bay Trail-H	QM77	QM77	QM77	QM77
Max. Memory	8GB DDR3L	8GB DDR3	8GB DDR3	8GB DDR3	8GB DDR3
HDD Space	1 x 2.5" SATA II HDD bay	1 x 2.5" SATA HDD bay	1 x 2.5" SATA HDD bay	1 x 2.5" SATA HDD bay	1 x 2.5" SATA HDD bay
CFast Socket	1 (External, CFast)	1 (External, CFast)	1 (External, CFast)	1 (External, CFast)	1 (External, CFast)
eMMC	-	-	-	-	-
VGA	-	1	1	1	1
LVDS	-	Dual, 24-bit (Internal)	Dual, 24-bit (Internal)	Dual, 24-bit (Internal)	Dual, 24-bit (Internal)
DVI	1 (DVI-I)	1 (DVI-D)	1 (DVI-D)	1 (DVI-D)	1 (DVI-D)
HDMI	1	-	-	-	-
DisplayPort	-	2	2	2	2
USB	4 x USB 2.0 1 x USB 3.0	4 x USB 2.0 1 x USB 3.0	4 x USB 2.0 1 x USB 3.0	4 x USB 2.0 1 x USB 3.0	4 x USB 2.0 1 x USB 3.0
Serial Port	4	6	6	6	6
RS422/485	2	1	1	1	1
RS422/485 Isolation	-	-	-	-	-
mini-PCIe	2	1	1	1	1
M.2	-	-	-	-	-
SIM Card Holder	1	1	1	1	1
GPIO	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)
LAN Ports	2 x GbE	2x GbE	2x GbE	2x GbE	2x GbE
Audio	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out
Power Input Range	ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V
Power Supply Adapter	Optional	Optional	Optional	Optional	Optional
Expansion	2x PCI	1 x PCIe x4	2 x PCIe x4	2 x PCI	1 x PCI and 1 x PCIe x4
Win7 32-bit	V	V	V	V	V
Win7 64-bit	V	V	V	V	V
WES2009 32-bit	-	V	V	V	V
Win8 32-bit	V	V	V	V	V
Win8 64-bit	V	V	V	V	V
WinCE/WEC	WinCE 7.0	-	-	-	-
Win10 32-bit	-	V	V	V	V
Win10 64-bit	V	V	V	V	V
System Dimension (WxDxH) (mm)	195 x 200 x 111	215 x 272 x 93	215 x 272 x 114	215 x 272 x 114	215 x 272 x 114
Carton Dimension (WxDxH) (mm)	337x296x227	378 x 342 x 269	378 x 342 x 269	378 x 342 x 269	378 x 342 x 269
Net weight (kg)	3.2	5	5.4	5.4	5.4
Gross weight (kg)	4.6	7	7.4	7.4	7.4

				
NISE 3700E	NISE 3700E2	NISE 3700P2	NISE 3700P2E	NISE 3800E
4th Gen Intel® Core™ i7/i5/i3 LGA socket	4th Gen Intel® Core™ i7/i5/i3 LGA socket	4th Gen Intel® Core™ i7/i5/i3 LGA socket	4th Gen Intel® Core™ i7/i5/i3 LGA socket	6th Gen Intel® Core™ i7/i5/i3 LGA socket
Q87 PCH	Q87 PCH	Q87 PCH	Q87 PCH	Q170 PCH
8GB DDR3/DDR3L	8GB DDR3/DDR3L	8GB DDR3/DDR3L	8GB DDR3/DDR3L	16GB DDR4
1 x 2.5" SATA HDD bay	1 x 2.5" SATA HDD bay	1 x 2.5" SATA HDD bay	1 x 2.5" SATA HDD bay	1 x 2.5" SATA HDD bay
1 (External, CFast)	1 (External, CFast)	1 (External, CFast)	1 (External, CFast)	1 (External, M.2)
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
1 (DVI-I)/1 (DVI-D)	1 (DVI-I)/1 (DVI-D)	1 (DVI-I)/1 (DVI-D)	1 (DVI-I)/1 (DVI-D)	1 (DVI-D)
1	1	1	1	1
-	-	-	-	1
4 x USB 2.0 4 x USB 3.0	4 x USB 2.0 4 x USB 3.0	4 x USB 2.0 4 x USB 3.0	4 x USB 2.0 4 x USB 3.0	4 x USB 2.0 4 x USB 3.0
3	3	3	3	2
2	2	2	2	2
-	-	-	-	2
2	2	2	2	2
-	-	-	-	1
1	1	1	1	1
4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)
3 x GbE	3 x GbE	3 x GbE	3 x GbE	3 x GbE
Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out
ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V
Optional	Optional	Optional	Optional	Optional
1 x PCIe x4	2 x PCIe x4	2 x PCI	1 x PCI and 1 x PCIe x4	1 x PCIe x4
V	V	V	V	V
V	V	V	V	V
-	-	-	-	-
V	V	V	V	-
V	V	V	V	V
V	V	V	V	V
V	V	V	V	-
V	V	V	V	V
215 x 272 x 93	215 x 272 x 114	215 x 272 x 114	215 x 272 x 114	215 x 272 x 93
378 x 342 x 269	378 x 342 x 269	378 x 342 x 269	378 x 342 x 269	378 x 342 x 269
4.5	5	5	5	4.5
5.9	6.4	6.4	6.4	5.9

Industrial Fanless System

Model					
	NISE 3800E2	NISE 3800P2	NISE 3800P2E	NISE 3800R	NISE 3800E-H110
CPU	6th Gen Intel® Core™ i7/i5/i3 LGA socket	6th Gen Intel® Core™ i7/i5/i3 LGA socket	6th Gen Intel® Core™ i7/i5/i3 LGA socket	6th Gen Intel® Core™ i7/i5/i3 LGA socket	6th Gen Intel® Core™ i7/i5/i3 LGA socket
Chipset	Q170 PCH	Q170 PCH	Q170 PCH	Q170 PCH	H110 PCH
Max. Memory	16GB DDR4	16GB DDR4	16GB DDR4	16GB DDR4	16GB DDR4
HDD Space	1 x 2.5" SATA HDD bay	1 x 2.5" SATA HDD bay	1 x 2.5" SATA HDD bay	2 x 2.5" SATA HDD bay	1 x 2.5" SATA HDD bay
CFast Socket	1 (External, M.2)	1 (External, M.2)	1 (External, M.2)	1 (External, M.2)	-
eMMC	-	-	-	-	-
VGA	-	-	-	-	-
LVDS	-	-	-	-	-
DVI	1 (DVI-D)	1 (DVI-D)	1 (DVI-D)	1 (DVI-D)	1 (DVI-D)
HDMI	1	1	1	1	1
DisplayPort	1	1	1	1	-
USB	4 x USB 3.0 2 x USB 2.0	4 x USB 3.0 2 x USB 2.0	4 x USB 3.0 2 x USB 2.0	4 x USB 3.0 2 x USB 2.0	4 x USB 3.0 2 x USB 2.0
Serial Port	2	2	2	2	2
RS422/485	2	2	2	2	2
RS422/485 Isolation	2	2	2	2	r
mini-PCIe	2	2	2	2	2
M.2	1	1	1	1	1
SIM Card Holder	1	1	1	1	1
GPIO	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)
LAN Ports	3 x GbE	3 x GbE	3 x GbE	3 x GbE	2 x GbE
Audio	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out
Power Input Range	ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V
Power Supply Adapter	Optional	Optional	Optional	Optional	Optional
Expansion	2 x PCIe x4	2 x PCI	1 x PCI and 1 x PCIe x4	-	1 x PCIe x4
Win7 32bit	V	V	V	V	V
Win7 64bit	V	V	V	V	V
WES2009 32bit	-	-	-	-	-
Win8 32-bit	-	-	-	-	-
Win8 64-bit	V	V	V	V	V
WinCE/WEC	V	V	V	V	V
Win10 32-bit	-	-	-	-	-
Win10 64-bit	V	V	V	V	V
System Dimension (WxDxH) (mm)	215 x 272 x 114	215 x 272 x 114	215 x 272 x 114	215 x 272 x 93	215 x 272 x 93
Carton Dimension (WxDxH) (mm)	378 x 342 x 269	378 x 342 x 269	378 x 342 x 269	378 x 342 x 269	378 x 342 x 269
Net weight (kg)	5	5	5	4.5	4.5
Gross weight (kg)	6.4	6.4	6.4	5.9	5.9

				
NISE 3900E	NISE 3900E2	NISE 3900P2	NISE 3900P2E	NISE 3900R
8th Gen Intel® Core™ i7/i5/i3 LGA socket	8th Gen Intel® Core™ i7/i5/i3 LGA socket	8th Gen Intel® Core™ i7/i5/i3 LGA socket	8th Gen Intel® Core™ i7/i5/i3 LGA socket	8th Gen Intel® Core™ i7/i5/i3 LGA socket
Q370 PCH	Q370 PCH	Q370 PCH	Q370 PCH	Q370 PCH
16GB DDR4	16GB DDR4	16GB DDR4	16GB DDR4	16GB DDR4
1 x 2.5" SATA HDD bay	1 x 2.5" SATA HDD bay	1 x 2.5" SATA HDD bay	1 x 2.5" SATA HDD bay	1 x 2.5" SATA HDD bay
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
1 (DVI-D)	1 (DVI-D)	1 (DVI-D)	1 (DVI-D)	1 (DVI-D)
1	1	1	1	1
1	1	1	1	1
2 x USB 3.0 2 x USB 2.0	2 x USB 3.0 2 x USB 2.0	2 x USB 3.0 2 x USB 2.0	2 x USB 3.0 2 x USB 2.0	2 x USB 3.0 2 x USB 2.0
2	2	2	2	2
2	2	2	2	2
2	2	2	2	2
1	1	1	1	1
1 (External) 1 (Internal)	1 (External) 1 (Internal)	1 (External) 1 (Internal)	1 (External) 1 (Internal)	1 (External) 1 (Internal)
1	1	1	1	1
4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)	4-in/4-out (Internal)
3x GbE	3x GbE	3x GbE	3x GbE	3x GbE
Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out
ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V	ATX, DC +9 ~ 30V
Optional	Optional	Optional	Optional	Optional
1 x PCIe x4	2 x PCIe x4	2 x PCI	1 x PCI and 1 x PCIe x4	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
V	V	V	V	V
215 x 272 x 94	215 x 272 x 115	215 x 272 x 115	215 x 272 x 115	215 x 272 x 94
378 x 342 x 269	378 x 342 x 269	378 x 342 x 269	378 x 342 x 269	378 x 342 x 269
5	5.3	5.3	5.3	5.1
6.54	6.84	6.84	6.84	6.64

Industrial Fanless System

Model			
	NISE 3900E-H310	NISE 4200	NISE 4300
CPU	8th Gen Intel® Core™ i7/i5/i3 LGA socket	6th Gen Intel® Core™ i5/i3 BGA	6th Gen Intel® Core™ i5/i3 BGA
Chipset	H310 PCH	QM/HM170 PCH	Intel® Sky Lake U
Max. Memory	16GB DDR4	32GB DDR4	16GB DDR3L
HDD Space	1 x 2.5" SATA HDD bay	1 x 2.5" SATA HDD bay	1 x 2.5" SATA HDD bay
CFast Socket	-	-	-
eMMC	-	-	-
VGA	-	-	-
LVDS	-	-	2
DVI	1 (DVI-D)	1 (DVI-D)	-
HDMI	1	-	-
DisplayPort	-	2	2
USB	2 x USB 3.0 2 x USB 2.0	4 x USB 3.0 2 x USB 2.0	2 x USB 3.0 2 x USB 2.0
Serial Port	2	6	3
RS422/485	2	2 (RS232/422/485) 4 (RS232)	1 (RS232/422/485) 2(RS232)
RS422/485 Isolation	2	-	-
mini-PCIe	1	2	1
M.2	1 (External) 1 (Internal)	1 (Internal)	1 (Internal)
SIM Card Holder	1	1	-
GPIO	4-in/4-out (Internal)	8-in/8-out (Internal)	4-in/4-out
LAN Ports	2x GbE	2x GbE	2x GbE
Audio	Mic-in & Line-out	Mic-in (Internal) Line-out (External)	-
Power Input Range	ATX, DC +9 ~ 30V	ATX, 24V +/- 20%	ATX, DC +24V
Power Supply Adapter	Optional	Optional	Optional
Expansion	1 x PCIe x4	-	-
Win7 32-bit	-	V	-
Win7 64-bit	-	V	V
WES2009 32-bit	-	-	-
Win8 32-bit	-	-	-
Win8 64-bit	-	-	-
WinCE/WEC	-	-	-
Win10 32-bit	-	-	-
Win10 64-bit	V	V	V
System Dimension (WxDxH)(mm)	215 x 272 x 94	269 x 157 x 56	259 x 145 x 60
Carton Dimension (WxDxH) (mm)	378 x 342 x 269	351 x 239 x 212	318 x 245 x 145
Net weight (kg)	5	2.1	1.8
Gross weight	6.54	2.8	2.3

XPPC Series

Model			
	XPPC 10-100	XPPC 16-100	XPPC 24-100
LCD Size	10.1" 16:10	15.6" 16:9	23.8" 16:9
Max Resolution	WXGA, 1280 x 800	HD, 1366 x 768	FHD, 1920 x 1080
Luminance(cd/m2)	400	400	350
Contrast Ratio	800	800	1000
LCD Color	16.7M	16.7M	16.7M
Viewing Angel(H-V)	89(U), 89(D), 89(L), 89(R)	50(U), 80(D), 85(L), 85(R)	89(U), 89(D), 89(L), 89(R)
Backlight	LED	LED	LED
Touch Screen	Ten Point P-Cap	Ten point P-Cap	Ten Point P-Cap
Touch Light Transmission	90%	80%	90%
CPU	Intel® Celeron® J3455 Quad Core, 1.50 GHz	Intel® Celeron® J3455 Quad Core, 1.50 GHz	Intel® Celeron® J3455 Quad Core, 1.50 GHz
OS	Win10/Linux	Win10/Linux	Win10/Linux
Memory	1 x DDR3L SO-DIMM, up to 8GB	1 x DDR3L SO-DIMM, up to 8GB	1 x DDR3L SO-DIMM, up to 8GB
Storage	1 x M.2 M-Key 2242	1 x M.2 M-Key 2242	1 x M.2 M-Key 2242
2nd Display Output	HDMI	HDMI	HDMI
Ethernet (10/100/1000)	2	2	2
USB 3.0	2	2	2
COM port	1 x RS232/422/485	1 x RS232/422/485	1 x RS232/422/485
Power Switch	1	1	1
Remote Power Switch	-	-	-
Reset Button	-	-	-
Power Jack	DC Jack connector with lock	DC Jack connector with lock	DC Jack connector with lock
Expansion	1 x mini-PCIe, 1 x Sim Card slot	1 x mini-PCIe, 1 x Sim Card slot	1 x mini-PCIe, 1 x Sim Card slot
Construction Front Panel	Metal	Full plastic	Metal
Mounting	Panel/open frame/ VESA 75 x 75mm	Panel/wall/stand/ VESA 100 x 100 mm	Panel/open frame/ VESA 100 x 100mm
Power Input	19V DC	19V DC	19V DC
Power Supply Adapter	45W AC/DC power adapter with lock	45W AC/DC power adapter with lock	90W AC/DC power adapter with lock
Operating Temp.	0°C to 50°C	0°C to 50°C	0°C to 50°C
Storage Temp.	-20°C to 60°C	-20°C to 75°C	-20°C to 60°C
Operating Humidity	10%~90%,Non-condensing	10%~90%, non-condensing	10%~90%,Non-condensing
IP Level	Front Frame IP65	Front frame IP65	Front Frame IP65
Certification	CE: EN55032/35; FCC Class A	CE: EN55024/32; FCC Class A	CE: EN55032/35; FCC Class A
Cut Out Size (W x H) (mm)	248.5 x 154.9	376.1 x 229.3	546.7 x 326.1
Dimension (W x H x D) (mm)	260.3 x 178.3 x 44.7	394.8 x 248 x 60	557.3 x 337 x 55
Net Weight (kg)	2	4	6

Applied Panel PC

Model			
	APPC 0840T	APPC 1240T-B	APPC 1245T-B
LCD Size	8.0" 4:3	12.1" 4:3	12.1" 4:3
Max Resolution	SVGA, 800 x 600	SVGA, 800 x 600	XGA, 1024 x 768
Luminace (cd/m2)	400	500	500
Contrast Ratio	500	700	700
LCD Color	262K	16.7M	16.7M
Viewing Angel (H-V)	50(U), 70(D), 70(L), 70(R)	65(U), 75(D), 80(L), 80(R)	70(U), 70(D), 80(L), 80(R)
Backlight	LED	LED	LED
Touch Screen	Resistive 5-wire	Resistive 5-wire	Resistive 5-wire
Touch Light Transmission	82%	80%	80%
CPU	Intel Atom® Processor E3826 Dual Core 1.46GHz	Intel® Celeron® J1900 Quad Core up to 2.0GHz	Intel® Celeron® J1900 Quad Core up to 2.0GHz
OS	Win7, Win10	Win7, Win10	Win7, Win10
Memory	2GB DDR3L SO-DIMM module	4GB DDR3L SO-DIMM module	4GB DDR3L SO-DIMM module
CFast Socket	1	1	1
2nd Display Output	VGA	VGA	VGA
Ethernet (10/100/1000)	2	2	2
Line-out	Line out	Line out	Line out
USB 2.0/3.0	3/1	2/1	2/1
COM Port	2 x RS232/422/485	Isolation 2 x RS232/422/485	Isolation 2 x RS232/422/485
Power Switch	1	1	1
Remote Power Switch	2-pin	2-pin	2-pin
Reset Button	1	1	1
Power Jack	DC 4-pin DIN Power Jack with shield	Terminal Blocks 3-pin phoenix connector	Terminal blocks 3-pin phoenix connector
Expansion	1 x Mini PCIe	2 x Mini PCIe	2 x mini-PCle
Construction Front Panel	ABS+PC pp=lastic front bezel	ABS+PC plastic front bezel	ABS+PC plastic front bezel
Mounting	Panel/Wall/Stand/VESA 100 x 100 mm	Panel/Wall/Stand/VESA 100 x 100 mm	Panel/Wall/Stand/VESA 100 x 100 mm
Power Input	+12 to 30V DC	+12 to 30V DC	+12 to 30V DC
Power Supply Adapter	Optional	Optional	Optional
Operating Temp.	-5°C to 50°C	-5°C to 60°C	-5°C to 60°C
Storage Temp.	-20°C to 75°C	-20°C to 75°C	-20°C to 75°C
Operating Humidity	10%~90%, non-condensing	10%~90%, non-condensing	10%~90%, non-condensing
IP Level	Front frame IP65	Front frame IP65	Front frame IP65
Certification	CE: EN61000-6-2/4; FCC Class A	CE: EN61000-6-2/4; FCC Class A	CE: EN61000-6-2/4; FCC Class A
Cut Out Size (W x H) (mm)	209.6 x 176.1	304.5 x 230	304.5 x 230
Dimension (W x H x D) (mm)	217.4 x 176.4 x 68.9	317 x 243 x 65.5	317 x 243 x 65.5
Net Weight (kg)	2.3	3.6	3.6

* Only for China

				
APPC 1540T-C	APPC 1544T*	APPC 1740T-B	APPC1940T-C	APPC 3154
15" 4:3	15" 4:3	17" 4:3	19" 4:3	15" 4:3
XGA, 1024 x 768	XGA, 1024 x 768	SXGA, 1280 x 1024	SXGA, 1280 x 1024	XGA, 1024 x 768
400	300	350	350	350
2500	2000	800	1000	800
16.7M	16.2M	16.7M	16.7M	16.2M
88(U), 88(D), 88(L), 88(R)	88(U), 88(D), 88(L), 88(R)	60(U), 80(D), 80(L), 80(R)	80(U), 80(D), 85(L), 85(R)	70(U), 80(D), 80(L), 80(R)
LED	LED	LED	LED	LED
Resistive 5-wire	Resistive 5-wire	Resistive 5-wire	Resistive 5-wire	Resistive 5-wire
81%	80%	81%	81%	80%
Intel® Celeron® J1900 Quad Core up to 2.0GHz	Intel® Celeron® J1900 Quad Core up to 2.0GHz	Intel® Celeron® J1900 Quad Core up to 2.0GHz	Intel® Celeron® J1900 Quad Core up to 2.0GHz	Intel® Celeron® J 1900 Quad Core up to 2.0GHz
Win7, Win10	Win7, Win10	Win7, Win10	Win7, Win10	Win7, Win10
4GB DDR3L SO-DIMM module	4GB DDR3L SO-DIMM module	4GB DDR3L SO-DIMM module	4GB DDR3L SO-DIMM module	4GB DDR3L SO-DIMM module
1	-	1	1	-
VGA	-	VGA	VGA	VGA
2	2	2	2	2
Line out	-	Line out	Line out	Line out
2/1	2/1	2/1	2/1	2/1
Isolation 2 x RS232/422/485	2 x RS232/422/485	Isolation 2 x RS232/422/485	Isolation 2 x RS232/422/485	2 x RS232/422/485
1	1	1	1	1
2-pin	2-pin	2-pin	2-pin	2-pin
1	1	1	1	1
Terminal blocks 3-pin phoenix connector	Terminal blocks 3-pin phoenix connector	Terminal blocks 3-pin phoenix connector	Terminal blocks 3-pin phoenix connector	Terminal blocks 3-pin phoenix connector
2 x mini-PCle	2 x mini-PCle	2 x mini-PCle	2 x mini-PCle	2 x mini-PCle
ABS+PC plastic front bezel	ABS+PC plastic front bezel	ABS+PC plastic front bezel	ABS+PC plastic front bezel	Full plastic
Panel/Wall/Stand/VESA 100 x 100 mm	Panel/Wall/Stand/VESA 100 x 100 mm	Panel/Wall/Stand/VESA 100 x 100 mm	Panel/Wall/Stand/VESA 100 x 100 mm	Panel/Wall/Stand/VESA 100 x 100 mm
+12 to 30V DC	+12 to 30V DC	+12 to 30V DC	+12 to 30V DC	+12 to 30V DC
Optional	Optional	Optional	Optional	Optional
-5°C to 60°C	-5°C to 60°C	-5°C to 60°C	0°C to 50°C	0°C to 50°C
-20°C to 75°C	-20°C to 75°C	-20°C to 75°C	-20°C to 75°C	-20°C to 75°C
10%~90%, non-condensing	10%~90%, non-condensing	10%~90%, non-condensing	10%~90%, non-condensing	10%~90%, non-condensing
Front frame IP65	Front frame IP65	Front frame IP65	Front frame IP65	Front frame IP65
CE: EN61000-6-2/4; FCC Class A	CE: EN61000-6-2/4; FCC Class A	CE: EN61000-6-2/4; FCC Class A	CE: EN61000-6-2/4; FCC Class A	CE: EN55024/32; FCC Class A
371 x 297	371 x 297	399 x 329	436 x 366	340 x 264
384.3 x 309.9 x 63.2	384.3 x 309.9 x 63.2	410.4 x 340.4 x 65.9	457.6 x 379.2 x 61.2	359.8 x 282.7 x 60
4.7	4.5	5.6	6.3	3.3

Applied Panel PC

Model					
	APPC 1250	APPC 1255	APPC 1550	APPC 1750	APPC 1950
LCD Size	12.1" 4:3	12.1" 4:3	15" 4:3	17" 4:3	19" 4:3
Max Resolution	SVGA, 800 x 600	XGA, 1024 x 768	XGA, 1024 x 768	SXGA, 1280 x 1024	SXGA, 1280 x 1024
Luminance (cd/m2)	500	500	400	350	350
Contrast Ratio	700	700	2500	800	1000
LCD Color	16.7M	16.7M	16.7M	16.7M	16.7M
Viewing Angel (H-V)	65(U), 75(D), 80(L), 80(R)	70(U), 70(D), 80(L), 80(R)	88(U), 88(D), 88(L), 88(R)	60(U), 80(D), 80(L), 80(R)	80(U), 80(D), 85(L), 85(R)
Backlight	LED	LED	LED	LED	LED
Touch Screen	Resistive 5-wire	Resistive 5-wire	Resistive 5-wire	Resistive 5-wire	Resistive 5-wire
Touch Light Transmission	80%	80%	81%	81%	81%
CPU	Intel® Celeron® Processor J3455, 1.50 GHz	Intel® Celeron® Processor J3455, 1.50 GHz	Intel® Celeron® Processor J3455, 1.50 GHz	Intel® Celeron® Processor J3455, 1.50 GHz	Intel® Celeron® Processor J3455, 1.50 GHz
OS	Win7, Win10	Win7, Win10	Win7, Win10	Win7, Win10	Win7, Win10
Memory	4GB DDR3L SO-DIMM module	4GB DDR3L SO-DIMM module	4GB DDR3L SO-DIMM module	4GB DDR3L SO-DIMM module	4GB DDR3L SO-DIMM module
CFast Socket	-	-	-	-	-
2nd Display Output	2 x DP	2 x DP	2 x DP	2 x DP	2 x DP
Ethernet (10/100/1000)	2	2	2	2	2
Line-out	-	-	-	-	-
USB 2.0/3.0	2/2	2/2	2/2	2/2	2/2
COM Port	1 x RS232/422/485	1 x RS232/422/485	1 x RS232/422/485	1 x RS232/422/485	1 x RS232/422/485
Power Switch	1	1	1	1	1
Remote Power Switch	-	-	-	-	-
Reset Button	-	-	-	-	-
Power Jack	Terminal blocks 3-pin phoenix connector	Terminal blocks 3-pin phoenix connector	Terminal blocks 3-pin phoenix connector	Terminal blocks 3-pin phoenix connector	Terminal blocks 3-pin phoenix connector
Expansion	1 x mini-PCIe, 1 x M.2 B-key	1 x mini-PCIe, 1 x M.2 B-key	1 x mini-PCIe, 1 x M.2 B-key	1 x mini-PCIe, 1 x M.2 B-key	1 x mini-PCIe, 1 x M.2 B-key
Construction Front Panel	ABS+PC plastic front bezel	ABS+PC plastic front bezel	ABS+PC plastic front bezel	ABS+PC plastic front bezel	ABS+PC plastic front bezel
Mounting	Panel/wall/stand/VESA 100 x 100 mm	Panel/wall/stand/VESA 100 x 100 mm	Panel/wall/stand/VESA 100 x 100 mm	Panel/wall/stand/VESA 100 x 100 mm	Panel/wall/stand/VESA 100 x 100 mm
Power Input	24V DC	24V DC	24V DC	24V DC	24V DC
Power Supply Adapter	Optional	Optional	Optional	Optional	Optional
Operating Temp.	0°C to 50°C	0°C to 50°C	0°C to 50°C	0°C to 50°C	0°C to 50°C
Storage Temp.	-20°C to 75°C	-20°C to 75°C	-20°C to 75°C	-20°C to 75°C	-20°C to 75°C
Operating Humidity	10%~90%, non-condensing	10%~90%, non-condensing	10%~90%, non-condensing	10%~90%, non-condensing	10%~90%, non-condensing
IP Level	Front frame IP65	Front frame IP65	Front frame IP65	Front frame IP65	Front frame IP65
Certification	CE: EN61000-6-2/4; FCC Class A	CE: EN61000-6-2/4; FCC Class A	CE: EN61000-6-2/4; FCC Class A	CE: EN61000-6-2/4; FCC Class A	CE: EN61000-6-2/4; FCC Class A
Cut Out Size (W x H) (mm)	304.5 x 230	304.5 x 230	371 x 297	399 x 329	436 x 366
Dimension (W x H x D) (mm)	317 x 243 x 65.5	317 x 243 x 65.5	384.3 x 309.9 x 63.2	410.4 x 340.4 x 65.9	457.6 x 379.2 x 61.2
Net Weight (kg)	3.6	3.6	4.7	5.6	6.3

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.



EMBUX	Industrial Mesh: Industry 4.0 Outdoor Wireless Solutions, IoT Sensor Networking, ARM/MCU Embedded Board Design and Manufacturing Services
GreenBase	Intelligent Digital Security: IP Video Surveillance Cameras, Mobile Cameras, ANPR/LPR Network Cameras, Panoramic Cameras, NVR Server Platform
IPS	Intelligent Platforms and Services: Smart City, Smart Retail, Digital Signage, Interactive Kiosks, Hospitality, Gateway, AI Edge and ODM Customization Services
MCS	Mobile Computing Solutions: Computerized Vehicle Telematics, In-Vehicle Panel Computers, In-Vehicle AI, Railway Computers, Vehicle Mount Displays, Modular Vehicle Computer Systems, In-Vehicle Networking Switches, Mobile NVR
MHI	Medical and Healthcare Informatics: Total Solutions with a Variety of Medical IT Systems
NCS	Network and Communication Solutions: Network Security, HPC, Telecommunications, Storage, SDN/NFV, Industrial Security
NexAloT	Smart Manufacturing: iAT2000 Cloud SCADA and Enterprise War Room, Predictive Diagnostic Maintenance, IoT Edge Solutions, Industry 4.0 Project Execution
NexCobot	Open Robotics and Machinery: Industrial Robot Controllers, EtherCAT Motion Control, Smart M2M Solutions, Educational Robots, Smart Retail Solutions

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.

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