

Features

- 12" LCD Panel
- Flat Front Panel with IP65 Design
- Solid Aluminum Die-casting Chassis
- Intel Atom N2600 processor, Dual Core Low Power Fanless System



Specifications

System	
CPU	Intel Atom Cedar View N2600 1.6GHz Dual Core Processors / Intel Atom D2550 1.8GHz (Optional)
System Chipset	Intel NM10
System Memory	Onboard DDR3 2GB 800 MHz / 4GB (Optional)

IO Port	
USB	2 x USB 2.0 type A, USB4/5
Serial/Parallel	1 x RS-232/422/485 DB-9, COM1, Default RS-232 1 x RS-232 DB-9, COM2
Audio	1 x Line out phone jack
LAN	2 x GbE RJ-45
Power	3 pins terminal block connector, DC Power input
Option	2 x RS-232 DB-9 + 1 x Mini-PCIe slot via TB-528C2ME1 2 x CAN bus via TB-528CAN2 2 x USB 2.0 type A via TB-528U2 2 x USB 2.0 type A + 1 x RS-232 DB-9 + 1 x Power button via TB-528C1U2P1

Storage Space	
HDD	1 x 2.5" SATA 2
Movable device	1 x Internal SD slot

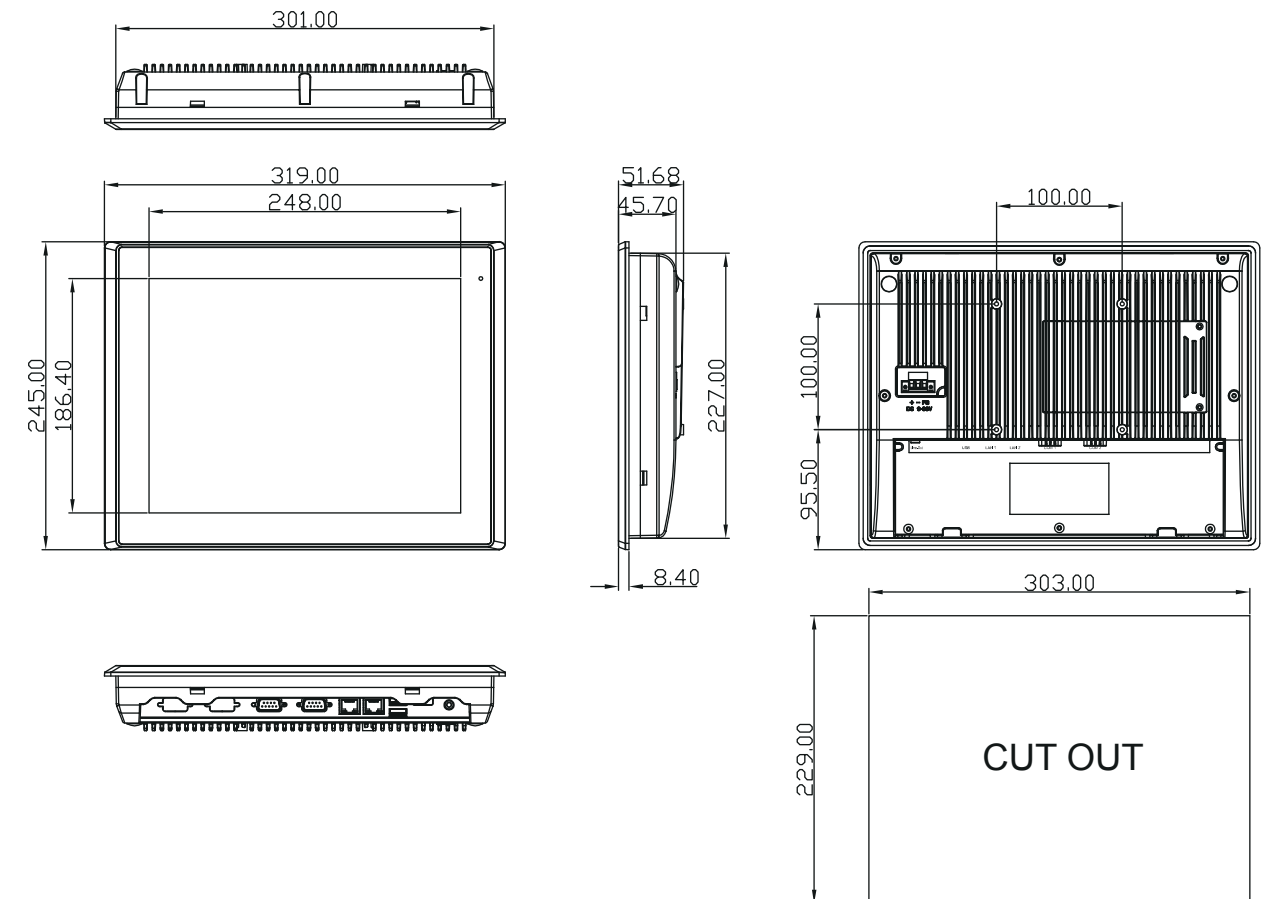
Expansion	
Expansion Slot	1 x Internal Mini-PCIe half size

Display	
Display Type	12.1" TFT-LCD
Max. Resolution	800x600
Max. Color	16.2M
Luminance (cd/m²)	450
Viewing Angle (Degree)	H:160° / V:140°

Touch screen	
Type	Resistive Touch / Projected Capacitive Touch (for P model)
Interface	RS-232 / USB (for P model)
Light Transmission(%)	80% / 90% (for P model)

Power	
Power Input	9~36V DC
Power Consumption	Max:18W

Dimensions



Construction	
Construction	Sliver aluminum front bezel and chassis
IP Rating	IP65 front panel
Mounting	Panel mounting, VESA 100 x 100
Dimensions (WxHxD)	319mm x 245mm x 51.7mm
Net Weight (Kgs)	2.5

Environmental	
Operating Temperature	0~50°C, -20~60°C (option)
Storage Temperature	-20~60°C
Storage Humidity	10 to 90%@ 40°C, non-condensing
Certificate	CE / FCC Class A / UL

Operating System Support	
Windows XP pro	
Windows XP Embedded	
Windows Embedded CE6.0	
Windows 7 32-bit pro for Embedded	
Windows Embedded standard 7 32-bit	
(Win 7 32-bit support 3D Graphic function)	

Ordering Information	
NV-HMI-712	12.1" SVGA 800 x 600 fanless HMI with Atom N2600 1.6G CPU, 2GB DDR3 memory, touch window resistive touch screen, 9~36VDC input with adapter, Aluminum chassis.
NV-HMI-712 P	12.1" SVGA 800 x 600 fanless HMI with Atom N2600 1.6G CPU, 2GB DDR3 memory, projected capacitive touch screen, 9~36VDC input with adapter, Aluminum chassis.