

NP-5xxA Series

7", 8", 10", 12", 15" & 21.5" TOUCH PANEL SYSTEM



Features

- Variety of LCD Panel Size Selections
- Flat Front Panel with IP65 Design
- Solid Aluminum Die-casting Chassis
- Dual Core Low Power Fanless System

NP-5xxA series

Specifications

	NP-507A	NP-508A	NP-510A	NP-512A	NP-515A	NP-521A
Display						
Display Type	7" TFT / LCD	8" TFT / LDC	10" TFT / LCD	12.1" TFT / CD	15" TFT / LCD	21.5" TFT / LCD
Resolution	800 x 480 640 x 480 Windows CE	800 x 600	800 x 600	800 x 600	1,024 x 768	1,920 x 1,080
Max. Color	262K	262K	262K	16.2	16.2	16.2
Luminance (cd/m²)	350	350	350	330	400	400
Viewing Angle (Degree)	140/110	140/125	160/160	160/140	160/145	170.160
System						
CPU	Intel Atom Cedar View N2600 1.6GHz Dual Core Processors					
System Chipset	Intel NM10					
System Memory	Onboard DDR3 2GB 800 MHz	Onboard DDR3 2GB 800 MHz	Onboard DDR3 2GB 800 MHz	Onboard DDR3 2GB 800 MHz	Onboard DDR3 2GB 800 MHz	Onboard DDR3 4GB 800 MHz
External I/O Port	2 x USB 2.0 type A, USB4/5 1 x RS-232/422/485 DB-9, COM1, Default RS-232					

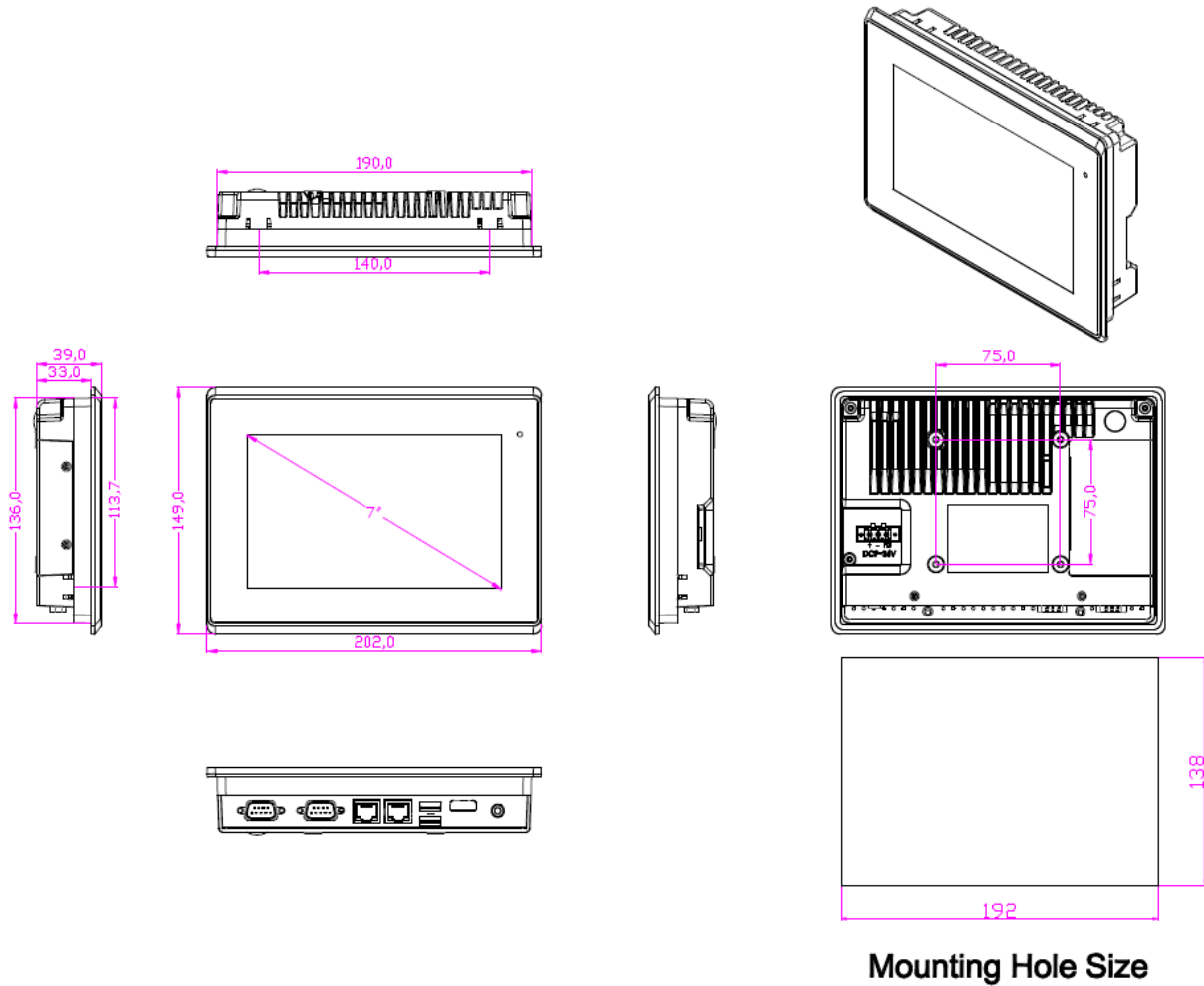
	1 x RS-232 DB-9, COM2					
	1 x Line out phone jack					
	2 x GbE RJ-45					
	3 pins terminal block connector, DC Power input					
Storage	1 x 2.5" SATA2 half size		1 x 2.5" SATA2			
	1 x Internal SD slot		1 x Internal SD slot			
Expansion Slots	1 x Mini-PCIe half size					
OS Support	Windows 7 pro for embedded, Windows embedded standard 7, Windows XP pro, Windows XP embedded, Embedded CE6.0(does not support 3D Graphic function)					
Touch screen	NP-507A	NP-508A	NP-510A	NP-512A	NP-515A	NP-521A
Type	Resistive or Projected Capacitive Touch Screen Options					
Light Transmission	80% (for Resistive model) / 90% (for Projected Capacitive model)					
Backlight Lifetime	20,000 Hours					
Power Supply	Included					
Power Input	9~36V DC					
Mechanical						
Construction	Sliver aluminum front bezel and chassis					
IP Rating	IP65 Front Panel					
Mounting	Panel mounting, VESA 75 x 75					
Dimensions (WxHxD)(mm)	200 x 146 x 39	231 x 176 x 50	285 x 189 x 48.9	317 x 243 x 53	410 x 310 x 53	557 x 362 x 64.8
Net Weight	2.3 Kg/5.07 LB	3.2 Kg/7.05 LB	2.0 Kg/4.4 LB	4.0 Kg/8.82 LB	6.3 Kg/13.89 LB	11.5 kg/25.35 LB
Environmental						
Operating Temperature	0~50C					
Storage Temperature	-20~60C					
Relative Humidity	10 to 90% @ 40°C, non- condensing					
Certificate	CE / FCC Class A					

Ordering Information

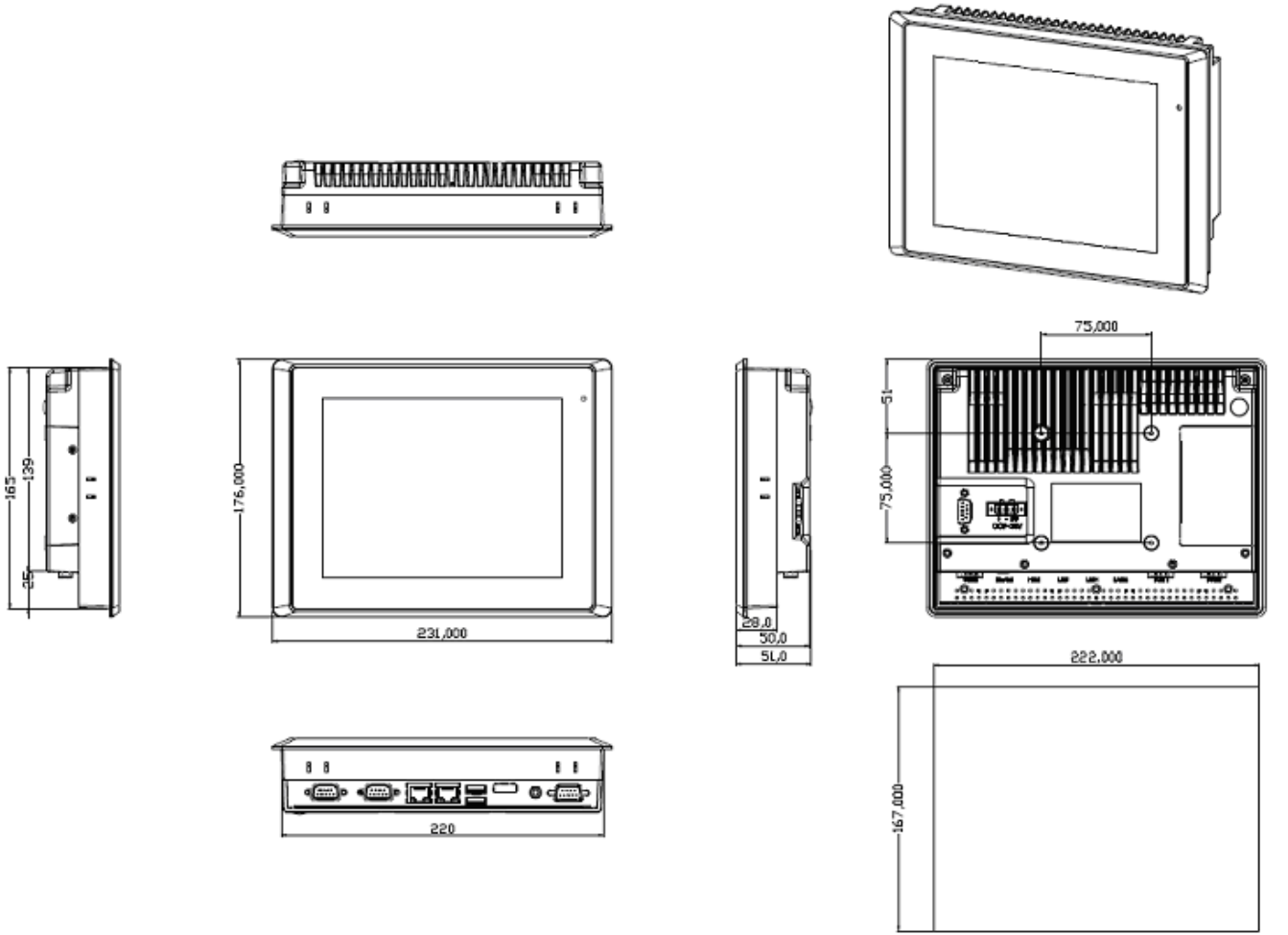
Model	Description
NP-507A	7" WVGA 800 x 480 fanless HMI with Atom N2600 1.6G CPU, 2GB DDR3 memory, touch window resistive touch screen, 9~32VDC input with adapter, Aluminum chassis.
NP-508A	8" SVGA 800 x 600 fanless HMI with Atom N2600 1.6G CPU, 2GB DDR3 memory, touch window resistive touch screen, 9~32VDC input with adapter, Aluminum chassis.
NP-512A	12.1" SVGA 800 x 600 fanless HMI with Atom N2600 1.6G CPU, 2GB DDR3 memory, touch window resistive touch screen, 9~32VDC input with adapter, Aluminum chassis.
NP-515A	15" XGA 1024 x 768 fanless HMI with Atom N2600 1.6G CPU, 2G DDR3 memory, touch window resistive touch screen, 9~32VDC input with adapter, Aluminum chassis.

Dimension

NP-507A

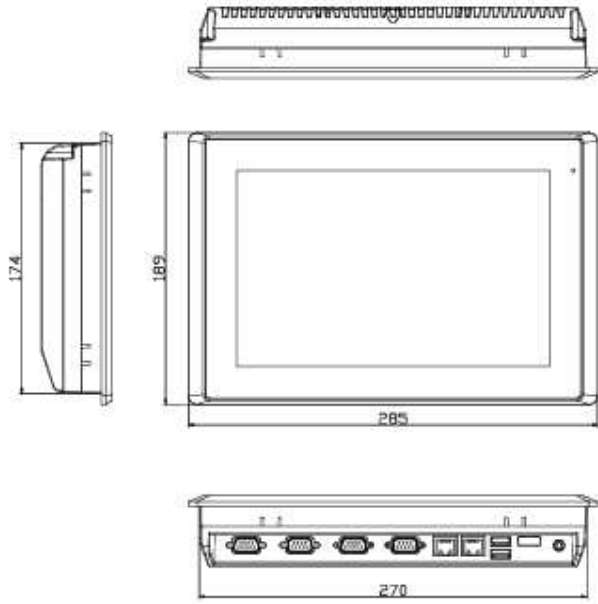


NP-508A

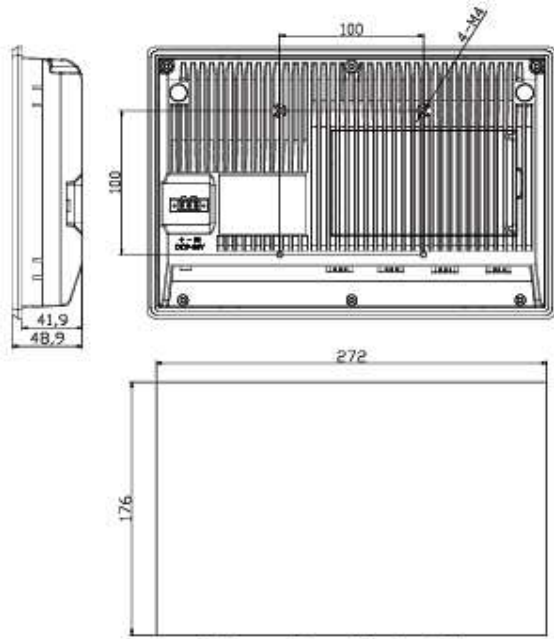


Mounting Hole Size

NP-510A

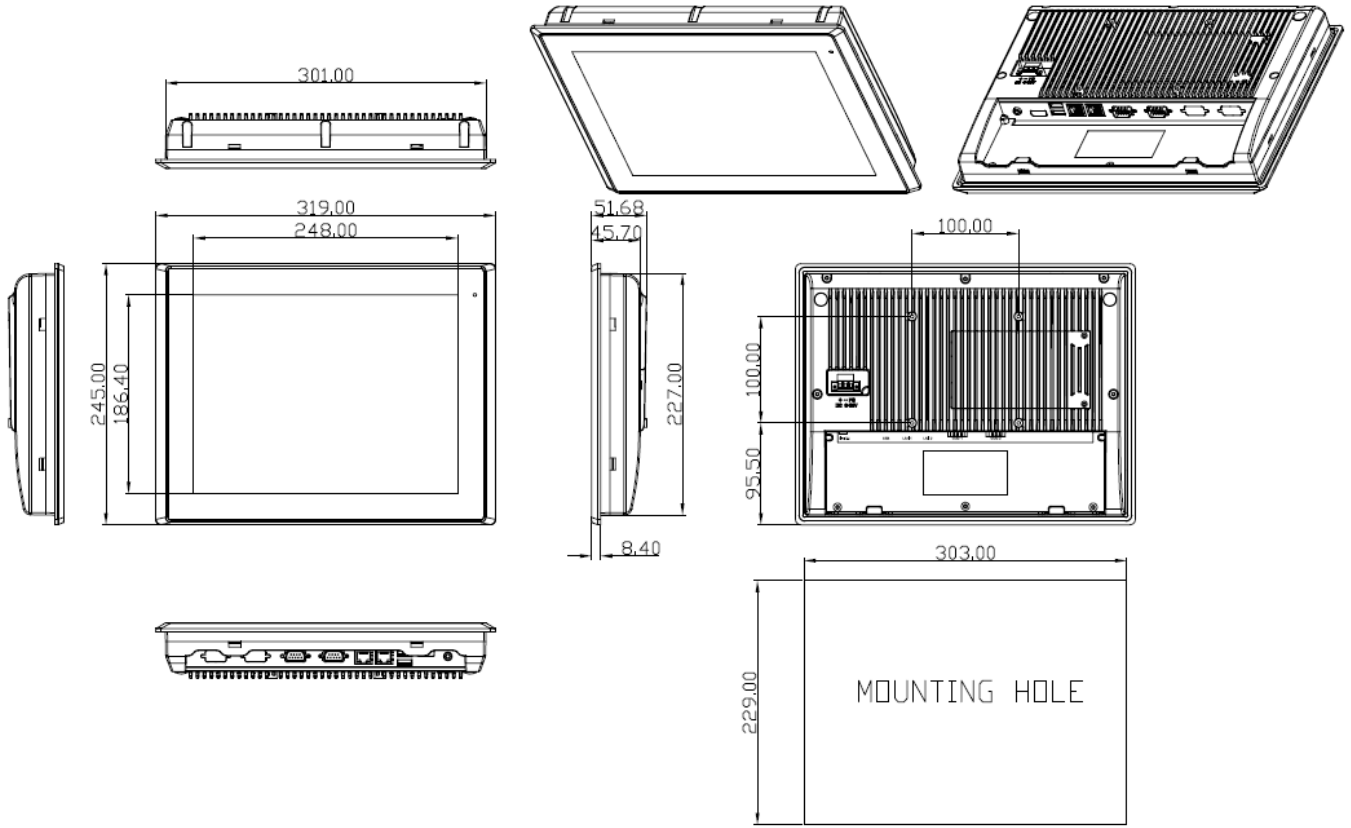


UNIT: mm
Tolerance: ± 0.5



Mounting Hole Size

NP-512A



NP-515A

