



Features

- Fanless
- Intel® Atom™ N270 1.6GHz processor, FSB 533 MHz
- NEMA 4/ IP 65 compliant front panel
- Sealed resistive touch screen
- One 200-pin SO-DIMM socket, up to 2GB DDR2 533 MHz SDRAM
- DC 11~32V wide-range power input



Specifications

System

Processor	Intel® Atom™ N270 1.6 GHz built-in, FSB 533 MHz
System Memory	1 x 200-pin SO-DIMM socket, support 533 MHz up to 2GB DDR2 SDRAM
System Chipset	Intel® 945GSE + ICH7M
External I/O Port	<ul style="list-style-type: none"> • 4 x USB ports • 2 x RJ-45 ports (GbE) • 2 x DB-9 (COM1/3, RS-232) • 1 x DB-9 (COM2, RS-232/422/485, default RS-232) • 1 x VGA port • 1 x Audio, Line-out • 1 x DC power input
Storage	1 x 2.5" SATA HDD, 1 x external CF slot
Expansion Slots	None
OS Support	Windows® CE 5.0, XP Pro, XP Embedded, Windows® 7

LCD

Display Type	8" TFT-LCD
Max. Resolution	800x600
Max. Color	262K
Luminance (cd/m ²)	350
View Angle	H:130° / V:110°
Backlight Lifetime	40,000hrs

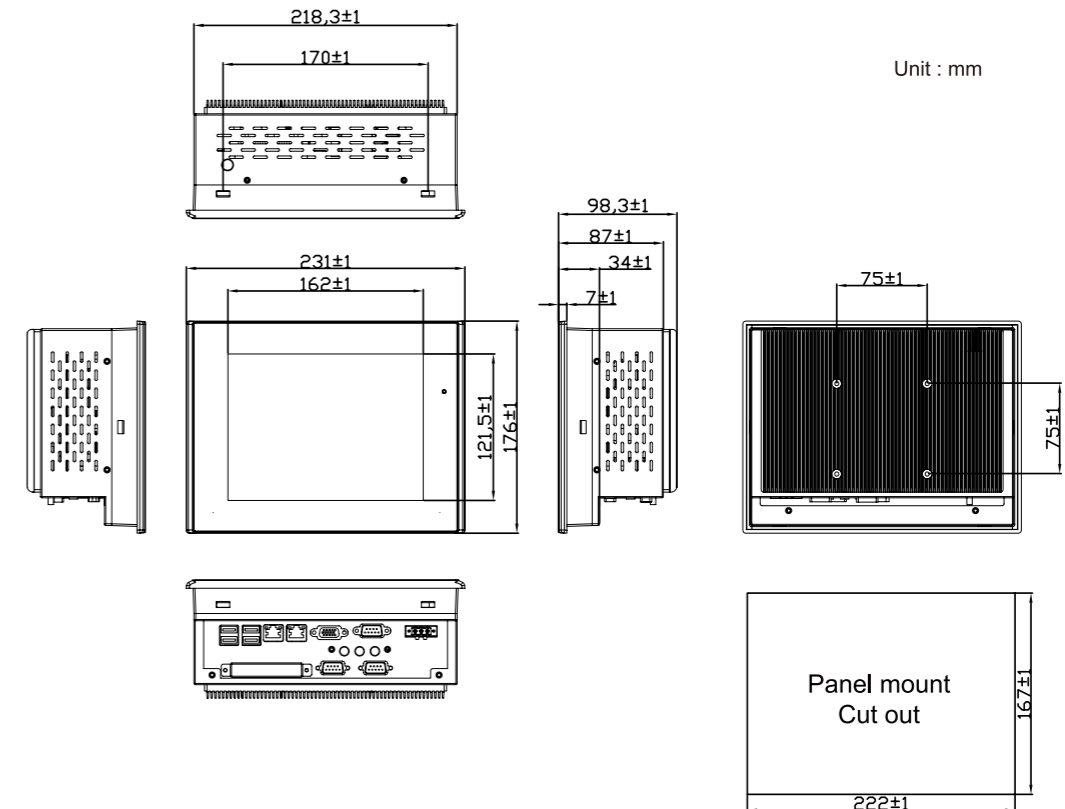
Touch Screen

Type	Sealed analog resistive
Light Transmission	80%

Power Supply

Power Input	DC 11~32V
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Dimension



Mechanical

Construction	Plastic molding front panel and metal housing
Color	Black
IP Rating	NEMA 4/ IP 65 compliant front panel
Mounting	Panel / VESA 75x75 Mount
Dimension	231(W)x176(H)x98.3(D)mm
Net Weight	3.5kgs

Environmental

Operating Temperature	0~50 °C
Storage Temperature	-20~60 °C
Storage Humidity	10~90% @40 °C non-condensing
Certificate	Meet CE/FCC Class A

Ordering Information

AHM-6087A	8" Intel® Atom™ N270 low power Fanless HMI
AHM-6087AT	8" Intel® Atom™ N270 low power Fanless HMI with touch screen