



Features

- Fan-less
- High performance Intel Atom D525 Processor
- Support 2GB DDR3 800Mhz Memory
- Optional wide Range DC 11~32V Input
- LED Backlight LCD
- Resistive Touch Screen

Specifications

System	
Processor	Intel Atom D525 1.8 GHz
System Memory	1 x 204 Pin SO-DIMM socket, supports DDR3 800 MHz, default 2 GB
System Chipset	Intel ICH8M
External I/O Port	<ul style="list-style-type: none"> • 4 x USB ports • 2 x RJ-45 ports (GbE) • 1 x DB-9 RS-232COM1/COM2 • 1 x DB-9 RS-422/485 COM3 (default: RS-485) • 1 x DC 3 Pin terminal block power input • 1 x 8 Pin terminal block for 2 in/2 out GPIO, power switch and VCC • 1 x Audio line out 3.5mm jack
Solid Storage Disk	<ul style="list-style-type: none"> • 1 x 2.5" SATA HDD • 1 x External CF Slot for option
Expansion Slots	None
OS Support	Windows CE 6.0, XP Pro, XP Embedded, Windows Embedded Standard 7

LCD

Display Type	17" TFT-LCD
Max. Resolution	1280x1024
Max. Color	16.7M
Luminance (cd/m2)	350
Viewing Angle	H:170° / V:160°
Backlight Lifetime	50,000hrs

Power Supply

Power Input	DC 12V / DC 11~32V (option)
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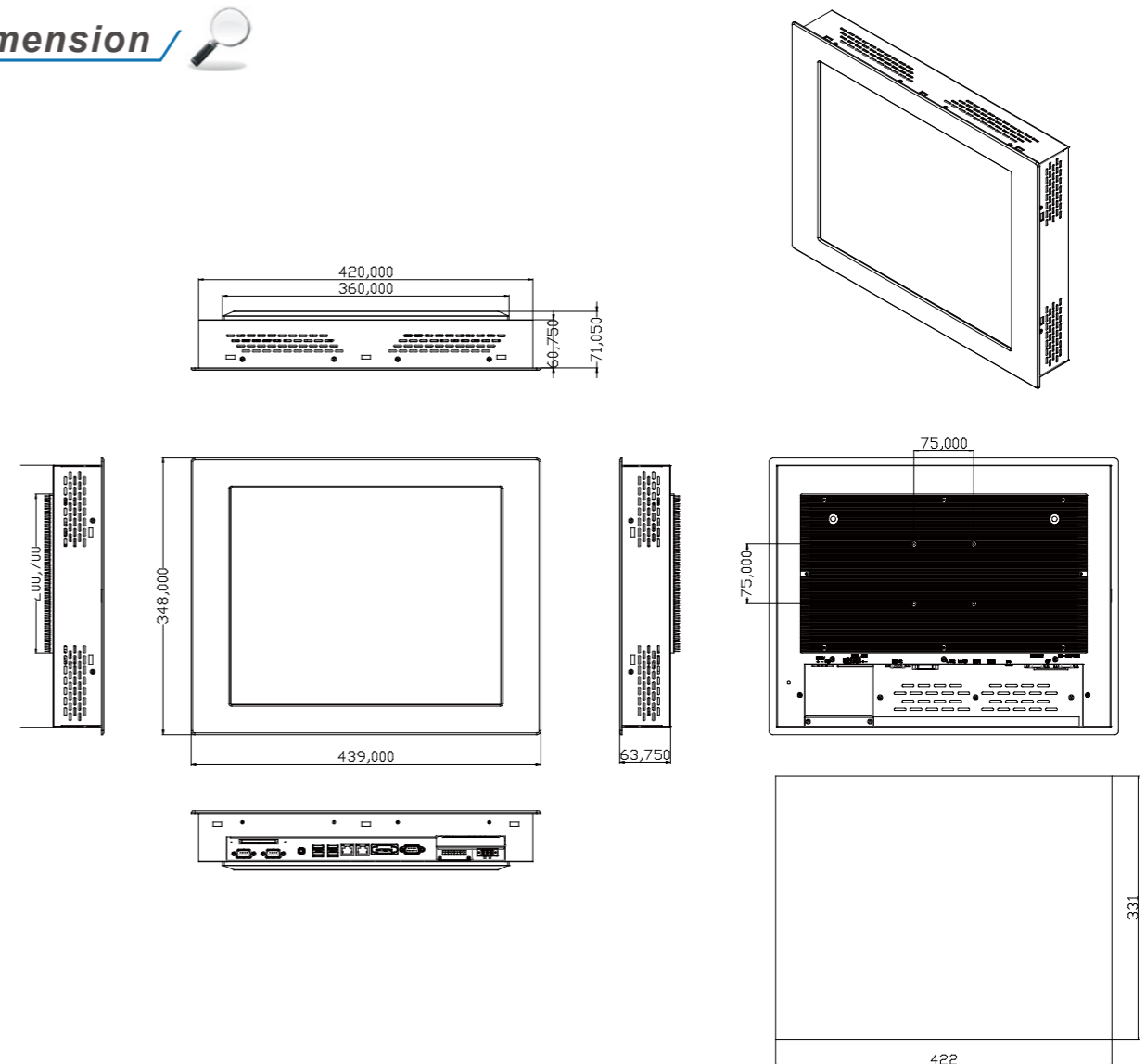
Touch Screen

Type	Resistive touch
Light Transmission	80%

Mechanical

Construction	Steel Enclosure
IP Rating	Front panel IP65
Mounting	VESA Mount 75x75mm
Dimension	439(W)x348(H)x71.1(D) mm

Dimension



Mounting Hole

Environmental

Operating Temperature	-20~50°C
Storage Temperature	-30~60°C
Storage Humidity	10~90% @40°C, non-condensing
Certificate	CE/FCC Class A

Ordering Information

Model	Description
AHM-6176A	17" SXGA 1280x1024 fanless HMI with Atom D525 1.8G CPU, 2GB DDR3 800 MHz memory, resistive touch screen, 12VDC input with adaptor, steel enclosure