



## Features



- Performance Intel Dual Core Fan-less Design
- Overlay Resistive Touch
- Supports DDR3 Memory
- All Solid Capacitor Motherboard
- LED Backlight LCD Panel



## Specifications



### System

Processor	Intel Atom D525 1.8 GHz
System Memory	1 x 204-pin SO-DIMM socket, supports DDR3 800 Mhz, up to 2 GB
System Chipset	Intel ICH8M
External I/O Port	<ul style="list-style-type: none"> <li>• 4 x USB ports</li> <li>• 2 x RJ-45 ports (GbE)</li> <li>• 1 x DB-15 VGA</li> <li>• 2 x DB-9 RS-232</li> <li>• 1 x DB-9 RS-422/485</li> <li>• 1 x DC 3 Pin terminal block power input</li> <li>• 1 x 8 Pin terminal block 2in/2out GPIO, power switch and VCC</li> <li>• 1 x Audio Line-out 3.5mm jack</li> </ul>
Solid Storage Disk	<ul style="list-style-type: none"> <li>• 1 x 2.5" SATA HDD</li> <li>• 1 x CF Slot (external slot for option)</li> </ul>
Expansion Slots	None
OS Support	Windows CE 6.0, XP Pro, XP Embedded, Windows Embedded Standard 7

### LCD

Display Type	12.1" TFT-LCD
Max. Resolution	800x600
Max. Color	262K
Luminance (cd/m <sup>2</sup> )	350
View Angle	H:140° / V:110°
Backlight Lifetime	50,000hrs

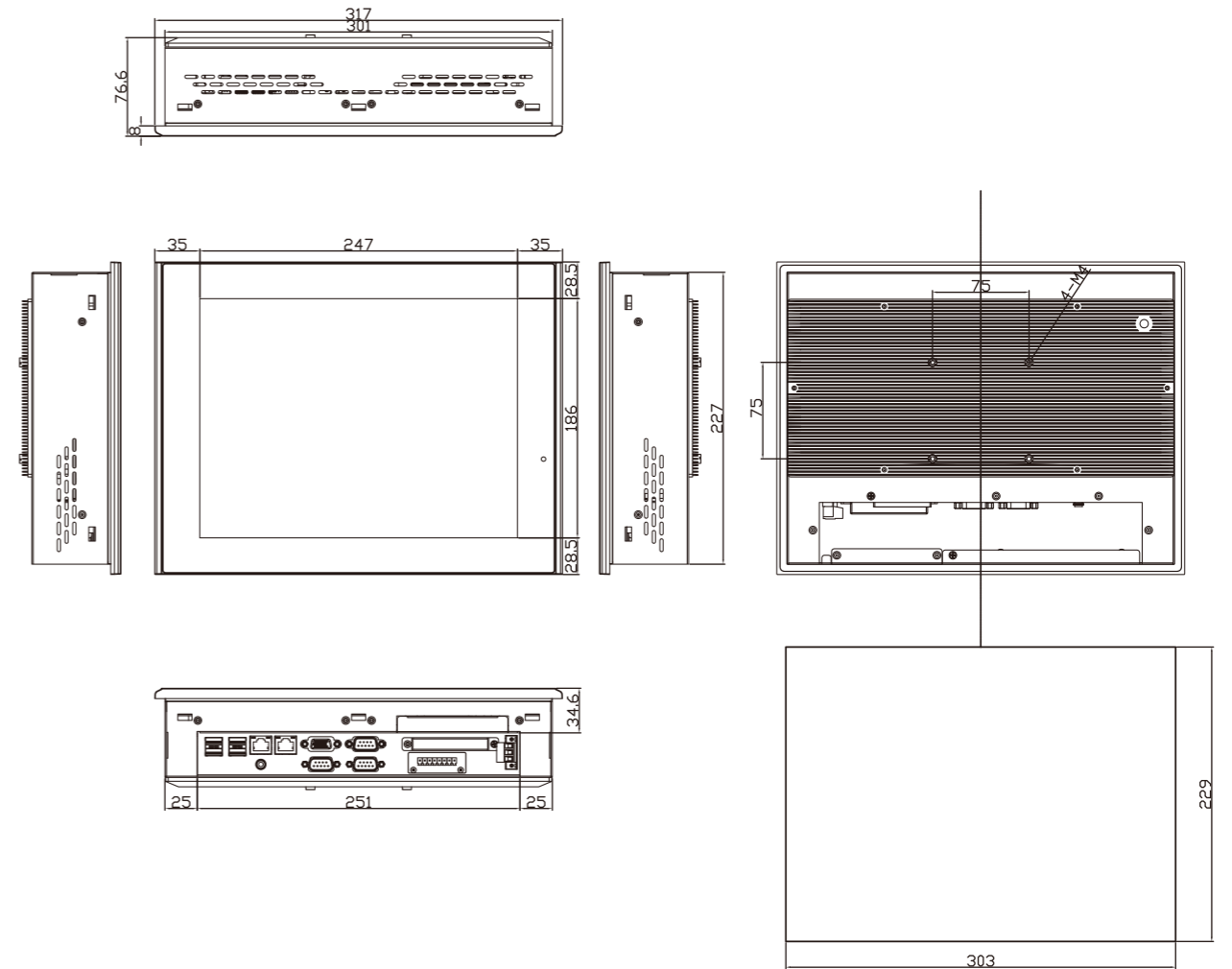
### Touch Screen

Type	Overlay Resistive Touch
Light Transmission	80%

### Power Supply

Power Input	DC 12V/DC 11~32V(option)
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## Dimension



Mounting Hole Size

### Mechanical

Construction	Plastic molding front panel and metal housing
Color	Black
IP Rating	Front Panel IP65
Mounting	VESA 75x75 Mount
Dimension	317(W)x243(H)x76.6(D) mm
Net Weight	5.82 kgs

### Environmental

Operating Temperature	0~50 °C
Storage Temperature	-30~60 °C
Storage Humidity	10~90% @40 °C, non-condensing
Certificate	CE/FCC Class A

### Ordering Information

AHM-6126A	12" SVGA 800 x 600 fanless HMI with Atom D525 1.8G CPU, 2GB DDR3 800MHz memory, overlay resistive touch screen, 12VDC input with adaptor, plastic front/Steel back
AHM-6126A	12" SVGA 800 x 600 fanless HMI with Atom D525 1.8G CPU, 2GB DDR3 800MHz memory, overlay resistive touch screen, 11~32VDC input with adaptor, plastic front/Steel back