

Industrial Computing Products and Services

Panel PC's



Industrial PC's



Electronic Design



SBC's



Industrial Displays



Why Choose DSL?

- ✓ Lifetime technical support
- ✓ Fully customisable products
- ✓ Product branding (bezel colours + logos)
- ✓ Free pre-installation of OS and software

Our Services

- ✓ Electronic Design
- ✓ Production Management
- ✓ Assembly and test
- ✓ Bespoke BIOS creation



sales@dsl-ltd.co.uk

or call us on +44 (0)1462 675530



AHM-6XX6A Series

NEW PRODUCTS

Performance HMI/Intel Atom D525



Features



Performance Intel Dual Core
Fan-less Design



All Solid Capacitor
Motherboard



Overlay Resistive Touch



LED Backlight LCD Panel



Supports DDR3 Memory

AHM-6XX6A Series

AHM-6086A/AHM-6126A/AHM-6156A/AHM-6176A

External I/O Port



AHM-6086A



AHM-6126A



AHM-6156A



Accessible 2.5" SATA
hard disk space

AHM-6XX6A Series

Performance HMI/Intel Atom D525

Specifications

Model No.	AHM-6086A		AHM-6126A		AHM-6156A		AHM-6176A	
System								
Processor	Intel Atom D525 1.8 GHz							
System Memory	1 x 204-pin SO-DIMM socket, supports DDR3 800 Mhz, default 2GB							
System Chipset	Intel ICH8M							
External I/O Port	• 4 x USB ports • 2 x RJ-45 ports (GbE) • 1 x DB-15 VGA • 1 x DB-9 RS-232 • 1 x DB-9 RS-422/485		• 4 x USB ports • 2 x RJ-45 ports (GbE) • 1 x DB-15 VGA • 2 x DB-9 RS-232 • 1 x DB-9 RS-422/485 • 1 x DC 3 Pin terminal block power input • 1 x 8 Pin terminal block 2in/2out GPIO, power switch and VCC • 1 x Audio Line-out 3.5mm jack					
Solid Storage Disk	• 1 x 2.5" SATA HDD • 1 x CF Slot (Internal)		• 1 x 2.5" SATA HDD • 1 x CF Slot (external slot for option)					
Expansion Slots	None							
OS Support	Windows CE 6.0, XP Pro, XP Embedded, Windows Embedded Standard 7							
LCD								
Display Type	8" TFT-LCD		12.1" TFT-LCD		15" TFT-LCD		17" TFT-LCD	
Max. Resolution	800x600		800x600		1024x768		1280x1024	
Max. Color	262K		262K		16.2M		16.7M	
Luminance (cd/m ²)	350		350		400		550	
View Angle	H:130° / V:110°		H:140° / V:110°		H:160° / V:140°		H:170° / V:160°	
Backlight Lifetime	50,000 hrs							
Touch Screen								
Type	Overlay Resistive Touch				Resistive Touch			
Light Transmission	80%							
Power Supply								
Power Input	DC 12V / DC 11~32V (option)							
Mechanical								
Construction	Plastic molding front panel and metal housing				Heavy-duty steel front panel and housing			
IP Rating	Front Panel IP 65							
Mounting	VESA 75x75 Mount							
Dimension	231(W)x176(H)x76.3(D) mm		317(W)x243(H)x76.6(D) mm		410(W)x310(H)x70.55(D) mm		439(W)x348(H)x71.1(D) mm	
Net Weight	3.5kgs		5.82kgs		10kgs		TBD	
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	
Model	Description
AHM-6086A	8" 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 , 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
AHM-6156A	15" XGA 1024 x 768 fanless HMI with Atom D525 1.8G CPU,2GB DDR3 800MHz memory, resistive touch screen , 12VDC input with adaptor, Steel enclosure
AHM-6156A	15" XGA 1024 x 768 fanless HMI with Atom D525 1.8G CPU,2GB DDR3 800MHz memory, resistive touch screen , 11~32VDC input with adaptor, Steel enclosure

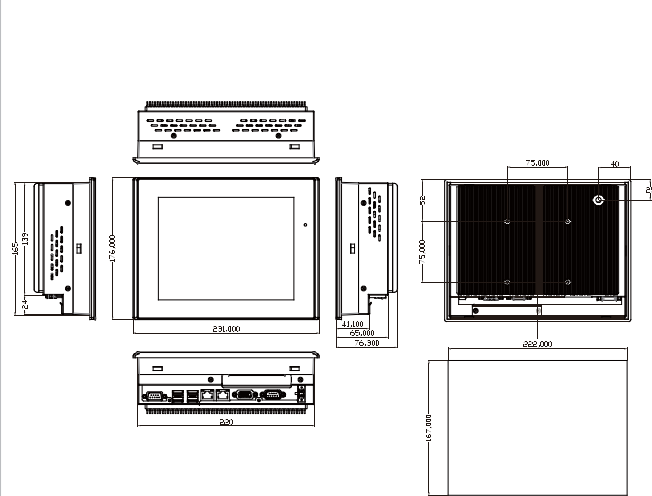
AHM-6XX6A Series

AHM-6086A/AHM-6126A/AHM-6156A/AHM-6176A

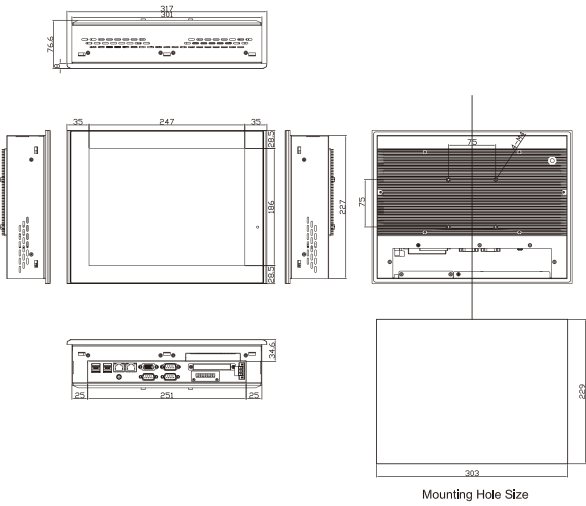
Dimensions

unit:mm

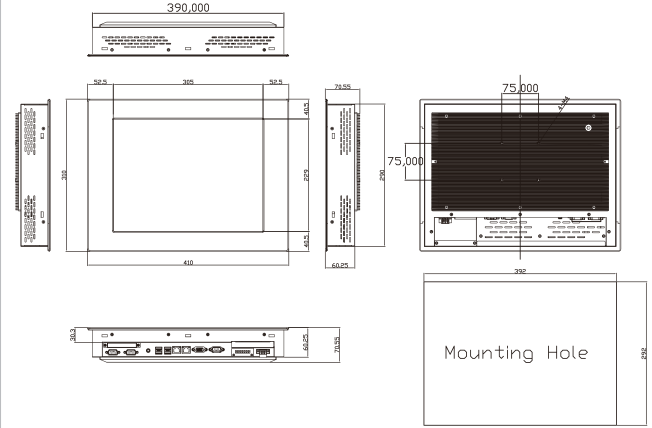
AHM-6086A



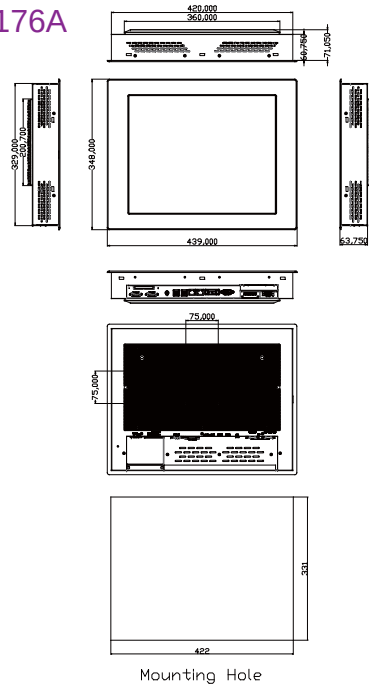
AHM-6126A



AHM-6156A



AHM-6176A



Ordering Information	
Model	Description
AHM-6176A	17" SXGA 1280 x 1024 fanless HMI with Atom D525 1.8G CPU,2GB DDR3 800MHz memory, resistive touch screen , 12VDC input with adaptor, Steel enclosure
AHM-6196A	19" SXGA 1280 x 1024 fanless HMI with Atom D525 1.8G CPU,2GB DDR3 800MHz memory, resistive touch screen , 12VDC input with adaptor, Steel enclosure