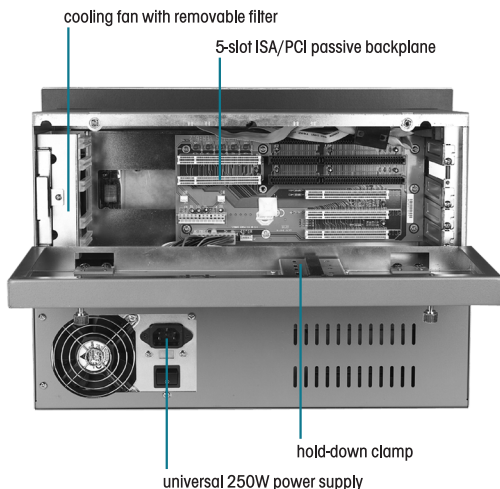
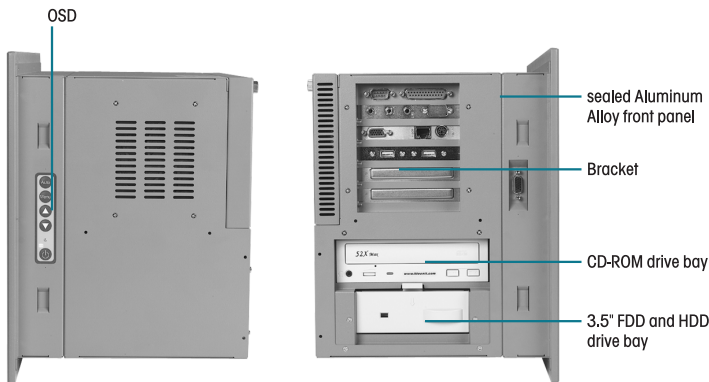


AMB-551

The Power That Solves

Industrial Workstation with 15" TFT LCD and 5 expansion slots



Features

- 15" XGA (1024 x 768) color TFT LCD
- IP65 certified aluminum alloy front panel and heavy-duty steel chassis
- Disk Drive bay for CD-ROM, 3.5" FDD and 3.5" HDD
- Analog VGA interface
- Support Intel® Pentium® III or Intel® Pentium® 4 level Full-size CPU cards
- 3 x PCI, 1 x ISA, 2 x PICMG, 1 x PCI or PICMG bus passive backplane

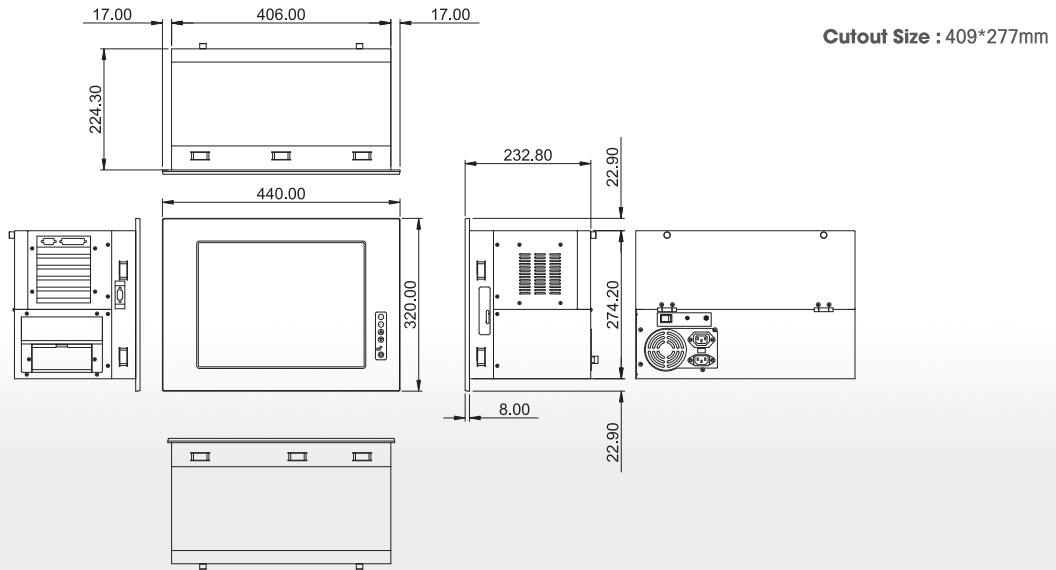


Specifications

System	
Storage Disk Drive	Anti-Vibration 3.5" HDD, FDD and CD-ROM
USB Connector	Dual USB ports
Membrane Keypads	NA
Keyboard/Mouse Connector	NA
Expansion Slot	3 x PCI, 1 x ISA, 2 x PICMG
Power Supply	Universal 300W with PFC switching power supply
OS Support	MS DOS, Windows 98/SE, Windows NT4.0, Windows 2000, Windows XP
Mechanical	
Construction	Aluminum alloy front panel and heavy-duty steel chassis
Front Panel Color	PMS-403C (Military Green)
Dimension	17.3" (W) x 12.6" (H) x 8.9" (D) (440mm x 320mm x 225mm)
Carton Dimension	24.4" (W) x 20.1" (H) x 15.6" (D) (620mm x 520mm x 395mm)
Gross Weight	41.9 lb (19 Kg)
Environmental	
Operating Temperature	32 °F ~ 122 °F (0 °C ~ 50 °C)
Operating Humidity	5 to 90%, non-condensing
Vibration	1G / 5 ~ 500Hz (Random) / operation
Shock	15G peak acceleration (11 msec. duration)
EMC	CE/FCC Class A
SBC-780 CPU Card Companion	
CPU	Supports Socket 370 based Intel® Pentium® III and VIA C3 processor up to 1.4GHz (FSB 66/100/133MHz)
Memory	Supports up to 1GB SDRAM (168-pin SDRAM DIMM x 2)
LCD/CRT Controller	VIA VT8606 on board VGA controller, shared memory up to 32MB. CRT & LCD panel support.
Ethernet	Realtek 8139D 10/100 Base-T Ethernet controller (optional for two LAN)
I/O Port	2 serial ports : 1 x RS-232, 1 x RS-232/422/485 (One is reserved for touchscreen) 1 parallel port (supports ECP/EPP) 1 PS/2 keyboard and mouse interface

Dimension

Unit : mm



SBC-860 CPU Card Companion	
CPU	Supports Socket 478 based Intel® Pentium®4 processor up to 3.06GHz (FSB 400/533MHz)
Memory	Supports up to 2GB SDRAM (184-pin DDR SDRAM DIMM x 2)
LCD/CRT Controller	Intel® 82845GV on board VGA controller, shared memory up to 64MB. CRT panel support only.
Ethernet	Option 1 : 10/100 Base-T Ethernet controller (standard) Option 2 : 2 x 10/100 Base-T Ethernet controller Option 3 : 1 x 10/100 Base-T Ethernet controller and 1 x Giga Ethernet controller
I/O Port	2 serial ports : 1 x RS-232, 1 x RS-232/422/485 (One is reserved for touchscreen) 1 parallel port (supports ECP/EPP) 1 PS/2 keyboard and mouse interface
Power Supply	
AC Input 300W w/PFC	Input : 100 ~ 240V AC Full Range, 47-63Hz Output : +5V@30A, -5V@0.5A, +12V@18A, -12V@1A, 3.3V@15A, +5sb@2A
24V DC Input 300W (optional)	Input : 19V ~ 32V DC Output : +5V@30A, -5V@2A, +12V@15A, -12V@2A, 3.3V@15A, +5sb@1.2A
LCD	
Display Type	15" color TFT LCD
Max. Resolution	1024 x 768
Max. Colors	262K
Dot Size	0.297mm x 0.297mm
Luminance	250 cd/m ² (TYP.)
Viewing Angle	160° (H) 150° (V)
Brightness Control	Yes
Back Light MTBF	30,000 hrs

Touchscreen (optional)	
Type	8-wire, analog resistive
Resolution	1024 x 1024
Light Transmission	75%
Lifetime	1 million activations
OS Support	MS DOS, Windows 98/SE, Windows 2000, Windows XP

Ordering Information

- **AMB-551HT-D1**
15" TFT, 5-Slot Backplane, 300W ATX AC power supply
- **AMB-551HT-D2**
15" TFT, 5-Slot Backplane, 300W DC 24V power supply
- **AMB-551HTT-D1**
AMB-551HT-D1 with resistive touchscreen
- **AMB-551HTT-D2**
AMB-551HT-D2 with resistive touchscreen

Accessory Options

- **SBC-780**
Full-size Intel® Pentium® III level processor Card
- **SBC-860**
Full-size Intel® Pentium® 4 level processor Card
- **1759200329**
CPU cooler for SBC-780
- **1759200155**
CPU cooler for SBC-860

- 1 Compact Board
- 2 Sub Compact Board
- 3 Full-Size CPU Card
- 4 Half-Size CPU Card
- 5 Media PC
- 6 Embedded ATX Board
- 7 PC/104 Module
- 8 Display Monitor
- 9 Panel PC
- 10 Operator Panel
- 11 LCD PC
- 12 Workstation
- 13 Embedded Control PC
- 14 IPC Solution
- 15 Accessory