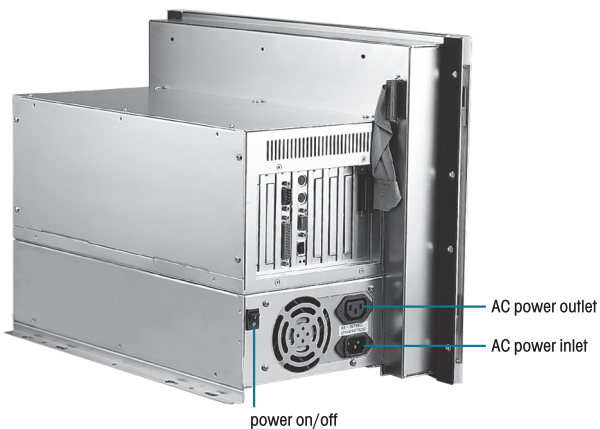
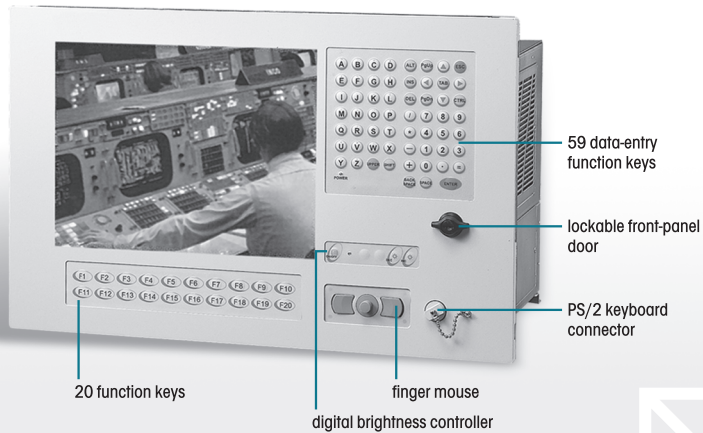


AMB-2427

The Power That Solves

Industrial Workstation with 12" TFT LCD and 7 expansion slots



Features

- 12.1" SVGA (800 x 600) color TFT LCD
- Aluminum alloy front panel and heavy-duty steel chassis
- Disk Drive bay for Slim CD-ROM, FDD and 3.5" HDD
- Membrane keypad and finger mouse
- 3 x PCI, 1 x PICMG, 3 x ISA bus passive backplane

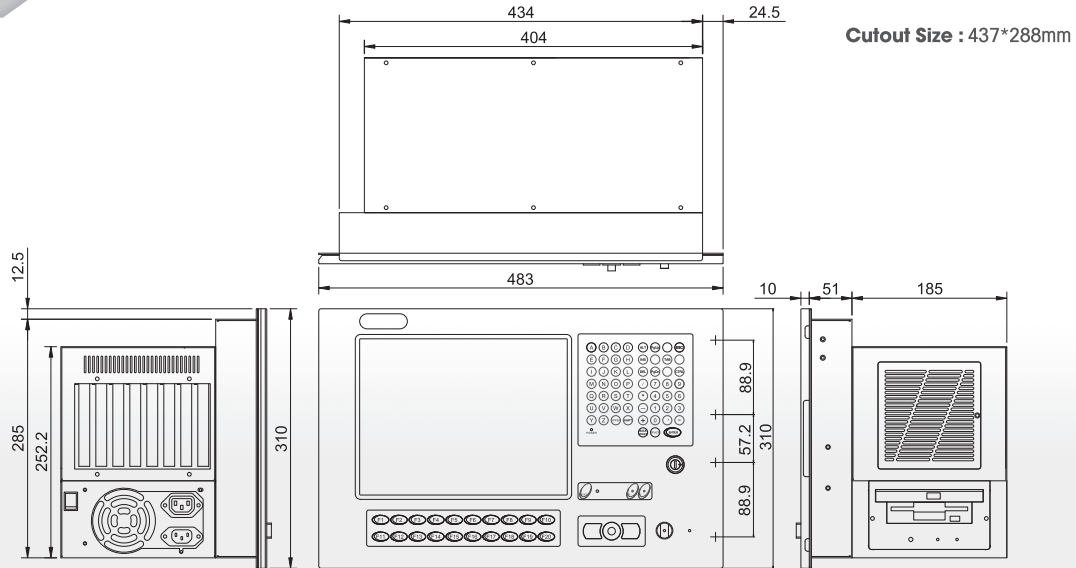


Specifications

System	
CPU	Socket 370-based Intel® Pentium® III / Intel® Celeron® CPU supports up to 1.0GHz (FSB 66/100MHz)
Memory	SDRAM supports up to 768MB
Display	12.1" SVGA color TFT LCD
LCD/CRT Controller	C&T 69000 VGA controller with 2MB SDRAM. CRT & LCD panel support.
Ethernet	Realtek RTL8139, 10/100 Base-Tx RJ-45 connector x 1
I/O Panel	2 serial ports : 1 x RS-232, 1 x RS-232/422/485 (COM 2 reserved for touchscreen) 1 parallel port (supports ECP/EPP) 1 PS/2 mouse and keyboard port
Storage Disk Drive	3.5" HDD, FDD, Slim CD-ROM
USB Connector	Dual USB ports
Membrane Keypads	one with 59 data-keys, one with 10 function keys and 10 programmable function keys
Keyboard/Mouse Connector	1 PS/2 connector with anti-dust door on front panel
Expansion Slot	3 x PCI, 3 x ISA and 1 x PICMG
Power Supply	Universal 250W switching power supply
OS Support	MS DOS, Windows 98/SE, Windows NT4.0, Windows 2000
Mechanical	
Construction	Aluminum alloy front panel and heavy-duty steel chassis
Front Panel Color	RAL-7305 (white)
Dimension	19" (W) x 12.2" (H) x 9.2" (D) (483mm x 310mm x 236mm)
Carton Dimension	24.2" (W) x 15.1" (H) x 17.9" (D) (615mm x 385mm x 457mm)
Gross Weight	50.5 lb (22.9 Kg)
Environmental	
Operating Temperature	32 °F ~ 113 °F (0 °C ~ 45 °C)
Operating Humidity	10 to 95%, non-condensing
Vibration	Random Non-operation 2G 5 ~ 500Hz
Shock	10G peak acceleration (11 msec. duration)
EMC	CE/FCC Class A

Dimension

Unit : mm



- 1 Operator Panel
- 2 Panel PC
- 3 LCD PC
- 4 Embedded Control PC
- 5 Workstation

Power Supply	
AC Model	Input : 85-265V AC@47-63Hz Output : +5 V@24 A; +12 V@12 A; -5 V@1 A; -12 V@1 A
DC Model	Input : 19 ~ 32 VDC Output : +5 V@25 A; +12 V@10 A; -5 V@1 A; -12 V@1 A
LCD	
Display Type	12.1" color TFT LCD
Max. Resolution	800 x 600
Max. Colors	256K
Dot Size	0.3075mm x 0.3075mm
Luminance	250 cd/m ² (TYP.)
Viewing Angle	120° (H) 90° (V)
Brightness Control	Yes
Back Light MTBF	50,000 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 NT4.0, Windows 2000

Ordering Information

- **AMB-2427HT-B1**
12.1" TFT, Intel® Pentium® III CPU card, VGA card, 7-Slot Backplane, 250W AC power supply, FDD, CD-ROM
- **AMB-2427HT-B2**
12.1" TFT, Intel® Pentium® III CPU card, VGA card, 7-Slot Backplane, 250W DC 24V power supply, FDD, CD-ROM
- **AMB-2427HT-B3**
12.1" TFT, Intel® Pentium® III CPU card, VGA card, 7-Slot Backplane, 160W DC 12V power supply, FDD, CD-ROM
- **AMB-2427HT-B4**
12.1" TFT, Intel® Pentium® III CPU card, VGA card, 7-Slot Backplane, 250W AC power supply
- **AMB-2427HT-B5**
12.1" TFT, Intel® Pentium® III CPU card, VGA card, 7-Slot Backplane, 250W DC 24V power supply
- **AMB-2427HT-B6**
12.1" TFT, Intel® Pentium® III CPU card, VGA card, 7-Slot Backplane, 160W DC 12V power supply
- **AMB-2427HTT-B1**
AMB-2427HT-B1 with resistive touchscreen
- **AMB-2427HTT-B2**
AMB-2427HT-B2 with resistive touchscreen
- **AMB-2427HTT-B3**
AMB-2427HT-B3 with resistive touchscreen
- **AMB-2427HTT-B4**
AMB-2427HT-B4 with resistive touchscreen
- **AMB-2427HTT-B5**
AMB-2427HT-B5 with resistive touchscreen
- **AMB-2427HTT-B6**
AMB-2427HT-B6 with resistive touchscreen

- 6 Display Monitor
- 7 IPC Solution
- 8 Full-Size CPU Card
- 9 Half-Size CPU Card
- 10 Accessory