

AMB-618

The Power That Solves

Industrial Workstation with 10.4" TFT LCD and 14 expansion slots



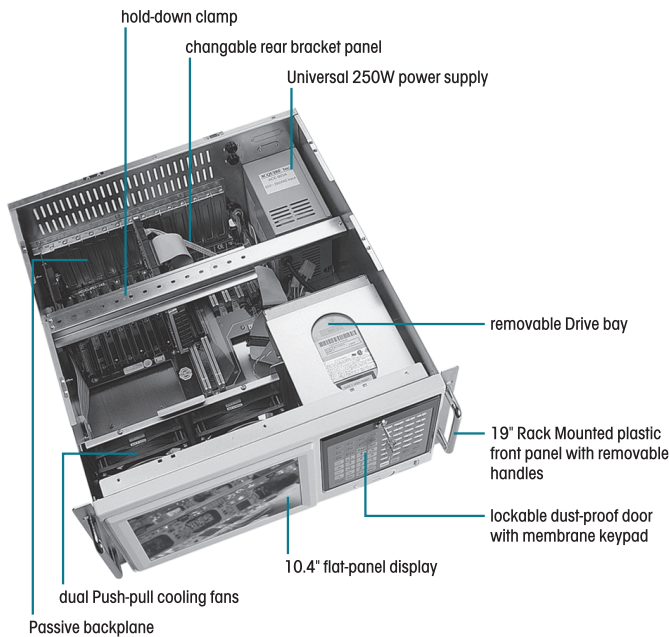
Features

- 10.4" VGA (640 x 480) color TFT LCD
- Plastic front panel and heavy-duty steel chassis
- Disk Drive bay for CD-ROM, FDD and 3.5" HDD
- Two sealed membrane keyboards, 62 key membrane keypad
- 14 x ISA or 4 x PCI, 2 x PICMG, 8 x ISA-bus passive backplane



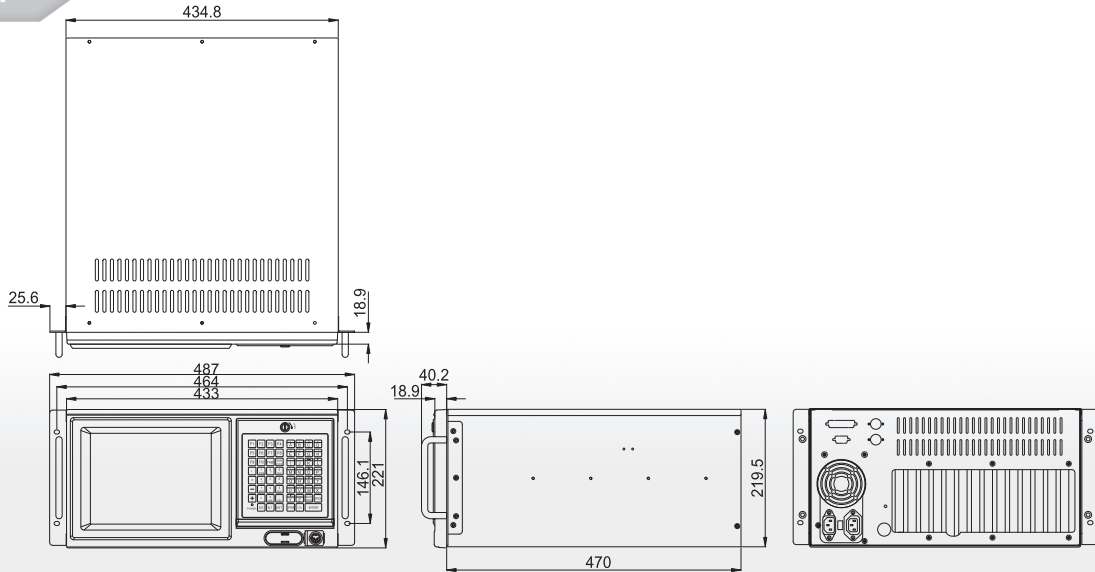
Specifications

System	
CPU	Socket 370-based Intel® Pentium® III / Intel® Celeron® CPU supports up to 1.0 GHz (FSB 66/100MHz)
Memory	SDRAM supports up to 768MB
LCD/CRT Controller	C&T 69000 VGA controller with 2MB SDRAM. CRT & LCD panel support.
Ethernet	Realtek RTL8139, 10/100 Base-Tx RJ-45 Ethernet connector x 1
I/O Port	2 serial ports : 1 x RS-232, 1 x RS-232/422/485 (COM2 reserved for touchscreen) 1 parallel port (supports ECP/EPP) 1 PS/2 keyboard port
Storage Disk Drive	3.5" HDD, FDD, CD-ROM
USB Connector	Dual USB ports
Membrane Keypads	Two sealed membrane keyboards, 62 key membrane keypad
Keyboard/Mouse Connector	1 PS/2 connector on front panel with anti-dust door
Expansion Slot	14 x ISA or 4 x PCI, 2 x PICMG, 8 x ISA-bus passive backplane
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	PMC cool gray 4C
Dimension	19" (W) x 12.2" (H) x 9.4" (D) (483mm x 310mm x 239.6mm)
Carton Dimension	24.2" (W) x 15.0" (H) x 20.8" (D) (615mm x 382mm x 530mm)
Gross Weight	28.7lb (13 Kg)
Environmental	
Operating Temperature	32 °F ~ 113 °F (0 °C ~ 45 °C)
Operating Humidity	10 to 95%, non-condensing
Vibration	0.15mm 10 cycles 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

6

Display Monitor

7

IPC Solution

8

Full-Size CPU Card

9

Half-Size CPU Card

10

Accessory

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	10.4" color TFT LCD
Max. Resolution	640 x 480
Max. Colors	262K
Dot Size	0.33mm x 0.33mm
Luminance	250 cd/m ² (TYP.)
Viewing Angle	80° (H) 45° (V)
Brightness Control	Yes
Back Light MTBF	30,000 hrs
Touchscreen (optional)	
Type	4/8-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-618HT-B12**
 10.4" TFT, MBC-266B VGA card, 14-Slot Backplane, 250W AC power supply
- AMB-618HT-B13**
 10.4" TFT, MBC-266B VGA card, 14-Slot Backplane, 250W DC24V power supply
- AMB-618HT-B14**
 10.4" TFT, MBC-266B VGA card, 14-Slot Backplane, 160W DC12V power supply
- AMB-618HT-B15**
 10.4" TFT, MBC-265B VGA card, 14-Slot ISA Backplane, 250W AC power supply
- AMB-618HT-B16**
 10.4" TFT, MBC-265B VGA card, 14-Slot ISA Backplane, 250W DC24V power supply
- AMB-618HTT-B12**
 AMB-618HT-B12 with resistive touchscreen
- AMB-618HTT-B13**
 AMB-618HT-B13 with resistive touchscreen
- AMB-618HTT-B14**
 AMB-618HT-B14 with resistive touchscreen
- AMB-618HTT-B15**
 AMB-618HT-B15 with resistive touchscreen
- AMB-618HTT-B16**
 AMB-618HT-B16 with resistive touchscreen
- AMB-618HTT-B17**
 10.4" TFT, MBC-2690 VGA card, 14-slot Backplane, 300W AC power supply (for SBC-860 full-size CPU card) with resistive touchscreen