

AWK-3004 (AMB-618)

Industrial Workstation with 10.4" TFT LCD and 14 Expansion Slots

08

Industrial Workstation Solutions



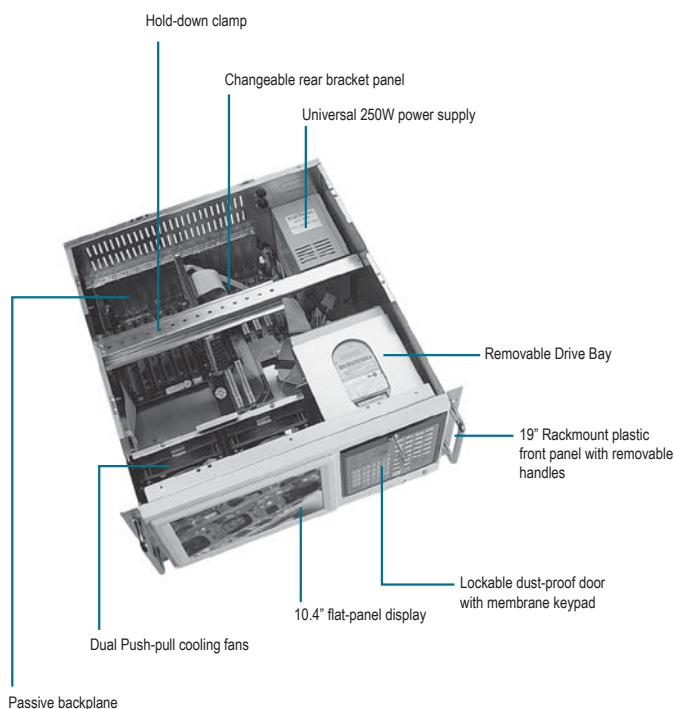
Features

- 10.4" VGA (640 x 480) Color TFT LCD
- Plastic Front Panel and Heavy-duty Steel Chassis
- Disk Drive Bay for CD-ROM, Floppy Disk Drive and 3.5" Hard Disk Drive
- Two Sealed Membrane Keyboards, 62-key Membrane Keypad
- ISA x 14 or PCI x 4/ PICMG x 2/ ISA bus Passive Backplane x 8

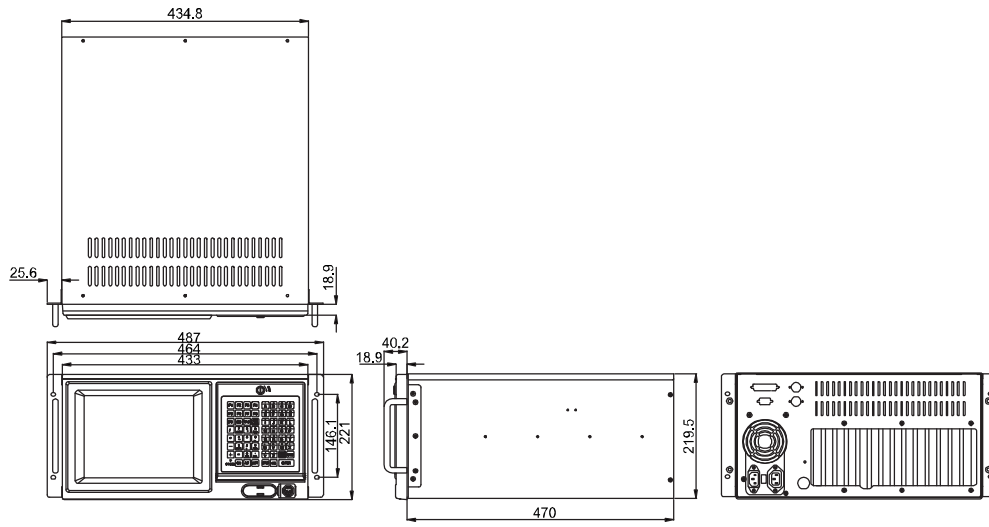


Specifications

System	
Processor	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
I/O Port	2 serial ports: RS-232 x 1, RS-232/422/485 x 1 (COM 2 reserved for touchscreen) Parallel port x 1 (supports ECP/EPP) PS/2 keyboard port x 1
Storage Disk Drive (Optional)	3.5" IDE Hard Disk Drive, 3.5" Floppy Disk Drive, 5.25"CD-ROM
USB Connector	Dual USB ports
Membrane Keyboards	Two sealed membrane keyboards, 62-key membrane keypad
Keyboard/Mouse Connector	1 PS/2 connector on front panel with anti-dust door
Expansion Slot	ISA x 14 or PCI x 4/ PICMG x 2/ ISA bus passive backplane x 8
Power Supply	Universal 250W switching power supply
OS Support	MS DOS, 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	28.7 lb (13 Kg)
Environmental	
Operating Temperature	32°F ~ 113°F (0°C ~ 45°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°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
Power Supply	
AC Model	Input: 85-265V AC@47-63Hz Output: +5V@24A; +12V@12A; -5V@1A; -12V@1A
LCD	
Display Type	10.4" color TFT LCD
Max. Resolution	640 x 480
Max. Colors	262K
Dot Size	0.33mm x 0.33mm
Luminance (Typical)	230 cd/m²
Viewing Angle	80° (H) / 45° (V)
Brightness Control	Yes
Back Light MTBF (Hours)	30,000



Dimension Unit: mm



Touchscreen (Optional)	
Type	4/8-wire, analog resistive
Resolution	2048 x 2048
Light Transmission	75%
Lifetime	1 million activations
OS Support	MS DOS, Windows® 2000

Ordering Information

- **AMB-618HT-B17**
10.4" TFT, MBC-2690 VGA card, 14-slot PCI Backplane, 300W AC Power Supply
- **AMB-618HTT-B17**
AMB-618HT-B17 with Resistive Touchscreen

Assembly Suggestion

- **TF-FSB-860B Series**
Intel® Pentium® 4 PICMG Full-size SBC
- **1759200155**
CPU Cooler for TF-FSB-860B Series