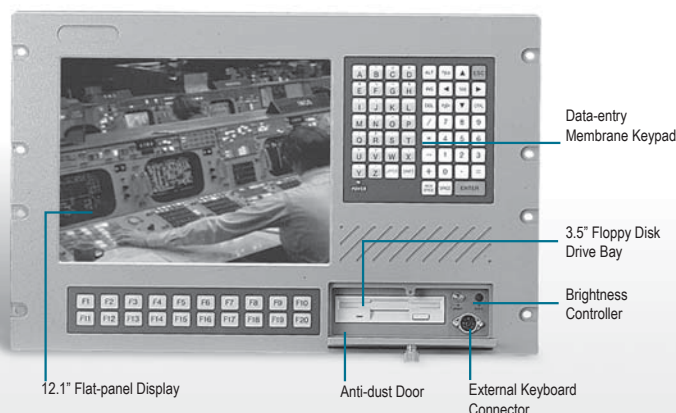


# AWK-3201 (AMB-632)

## Industrial Workstation with 12" TFT LCD and 10 Expansion Slots

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Industrial Workstation Solutions



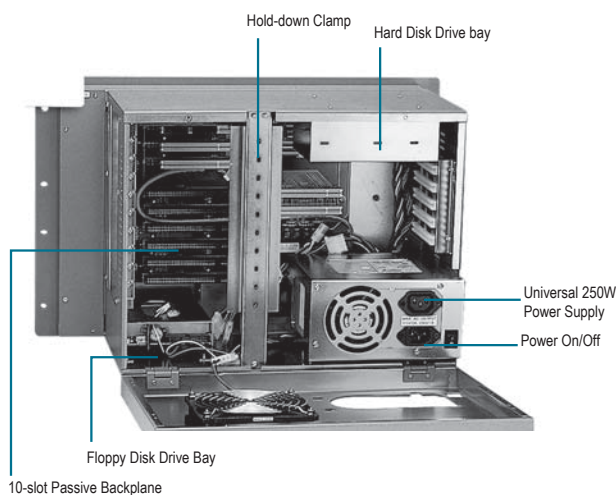
### Features

- 12.1" SVGA (800 x 600) Color TFT LCD
- Aluminum Alloy Front Panel and Heavy-duty Steel Chassis
- Disk Drive Bay for Floppy Disk Drive and 3.5" Hard Disk Drive
- Two Sealed Membrane Keyboards, 59 Data-keys and 20 Function Keys
- PCI x 4, PICMG x 2, ISA Bus Passive Backplane x 4

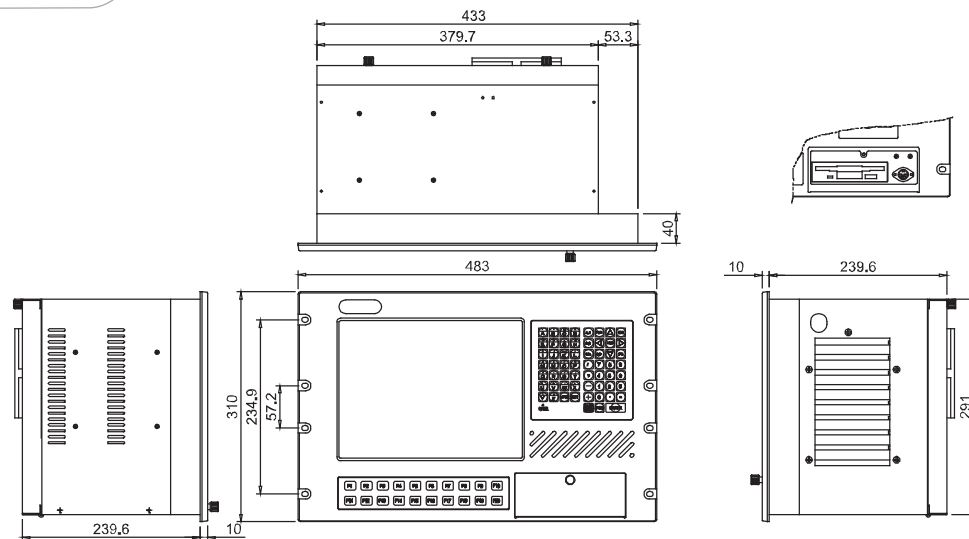


### Specifications

| System                        |                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------|
| LCD/CRT Controller            | C&T 69000 VGA controller with 2MB SDRAM. CRT & LCD panel support                   |
| Storage Disk Drive (Optional) | 3.5" IDE Hard Disk Drive and 3.5" Floppy Disk Drive                                |
| 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 on front panel with anti-dust door                                |
| Expansion Slot                | PCI x 4, ISA x 4 and PICMG x 2                                                     |
| 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             | PMS-403C (military green)                                                          |
| 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 ~ 122°F (0°C ~ 50°C)                                                          |
| Storage Temperature           | -4°F ~ 140°F (-20°C ~ 60°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                                                                     |
| Power Supply                  |                                                                                    |
| AC Model                      | Input: 85 - 265V AC@47 - 63Hz                                                      |
|                               | Output: +5V@24A; +12V@12A; -5V@1A; -12V@1A                                         |
| LCD                           |                                                                                    |
| Display Type                  | 12.1" color TFT LCD                                                                |
| Max. Resolution               | 800 x 600                                                                          |
| Max. Colors                   | 262K                                                                               |
| Dot Size                      | 0.3075mm x 0.3075mm                                                                |
| Luminance (Typical)           | 350 cd/m²                                                                          |
| Viewing Angle                 | 140°(H) / 120°(V)                                                                  |
| Back Light MTBF (Hours)       | 50,000                                                                             |



## Dimension Unit: mm



| Touchscreen (Optional) |                          |
|------------------------|--------------------------|
| Type                   | 8-wire, Analog Resistive |
| Resolution             | 1024 x 1024              |
| Light Transmission     | 75%                      |
| Lifetime               | 1 million activations    |
| OS Support             | MS DOS, Windows® 2000    |

## Ordering Information

- **AMB-632HT-B10**  
12.1" TFT, MBC-2690 VGA card, 10-slot ISA Backplane, 250W AC Power Supply
- **AMB-632HTT-B10**  
AMB-632HT-B10 with Resistive Touchscreen

## Assembly Suggestion

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