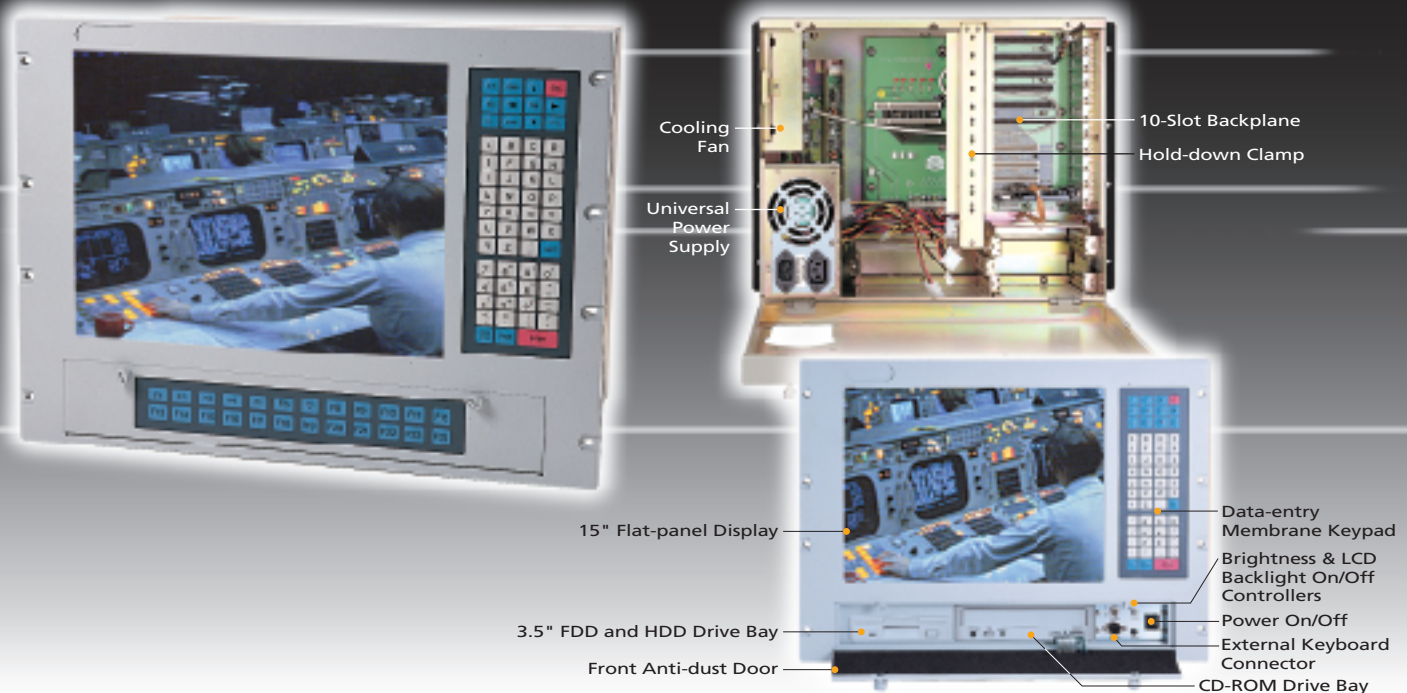


Industrial Workstation with 15" Flat-panel Display and Keypad



Features

- 15" XGA color TFT LCD display
- Aluminum alloy front panel and heavy-duty steel chassis
- Two sealed membrane keyboards, 59 data-keys and 24 function-keys
- Disk drive bay for CD-ROM, FDD, and HDD
- 4 x PCI, 2 x PICMG, 4 x ISA bus passive backplane
- Power switch, LCD brightness controller and LCD backlight on/off switch are behind the function key door on the front panel
- Easily replaced cooling fan filter
- 64 CFM cooling fans
- 9 x PCI, 2 x PICMG bus passive backplane (optional)
- Supports AAEON's SBC-780 and SBC-860 Full-Size CPU cards

Specifications

- **Construction** : Heavy-duty steel chassis & aluminum alloy front panel
- **Display** : 15" XGA (1024 x 768) color TFT LCD
- **Disk Drive Housing** : CD-ROM, 3.5" FDD and 3.5" HDD
- **Front panel color** : RAL-7035 (white)
- **Mounting** : Rack mount, 8U height
- **Power supply** : Universal 250W switching power supply or 300W ATX power supply
- **OS support** : MS DOS, Windows 98/SE, Windows NT4.0, Windows 2000, AMB-655HT(T)-A series also support Windows XP
- **Dimension (W x H x D)** :
483 x 354 x 255mm (19" x 13.9" x 10")
- **Carton Dimension (W x H x D)** :
655 x 388 x 496mm (25.7" x 15.2" x 19.5")
- **Gross Weight** : 21.0 Kg (46.3 lbs)

Flat Panel Display Control Card

MBC-2690 or MBC-2693

- **Type** : Half-size PCI-bus
- **Video Chip** : C&T 69000 or 69030
- **DRAM** : On-board 2MB or 4MB
- **Connectors** : Built in 18, 24, 36-bit panel connector
- **Max. resolution and color** :
1024 x 768 @ 16 color (MBC-2690)
1600 x 1200 @ 16 bits color (MBC-2693)

SBC-780 CPU Card Companion

- **CPU** : Supports Socket 370 based Intel® Pentium® III and VIA C₃ processor up to 1.4GHz (FSB 66/100/133 MHz)
- **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.
- **Network (LAN)** : Realtek 8139D 10/100 Base-T Ethernet controller (optional for 2 LAN)
- **I/O ports** :
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

SBC-860 CPU Card Companion

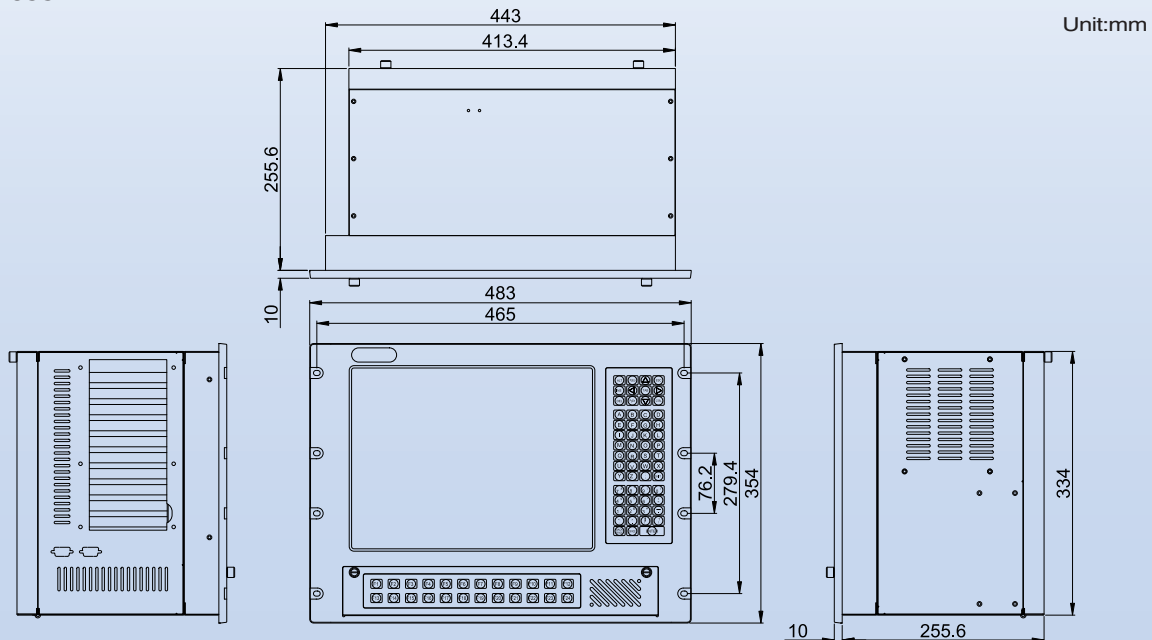
- **CPU** : Supports Socket 478 based Intel® Pentium® 4 processor up to 3.06GHz (FSB 400/533 MHz)
- **Memory** : Supports up to 2GB SDRAM (184-pin DDR SDRAM DIMM x 2)
- **LCD/CRT controller** : Intel 82845GV on board VGA controller, shared memory up to 8MB. CRT panel support only.
- **Network (LAN)** :
 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 ports** :
 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

Environmental Specifications

- **Operating temperature** : 0° to 45°C (32° ~ 113°F)
- **Vibration** : 1G / 5 ~ 500Hz / random operation
- **Shock** : 10G, peak acceleration (11 msec. duration)
- **EMC** : CE / FCC Class A

Dimension

AMB-655



Cutout Size : 446*337mm

LCD Specifications

Model	AMB-655
Display type	15" color TFT LCD
Max. resolution	1024 x 768
Max. colors	256K
Dot size(mm)	0.297 x 0.297
Luminance (cd/m²)	250 (TYP)
Viewing angle	160° (H) 160° (V)
Operating temperature	0° ~ 45°C (32 ~ 113°F)
Brightness Control	Yes
Back Light MTBF (Hrs)	50,000

Power Supply

- **Input Voltage** : 85 ~ 265 V AC @ 47 ~ 63Hz, switching

24V DC Input 250W (optional)

- **Input Voltage** : 19 ~ 32 V DC

Touchscreen (optional)

Type : 8-wire, analog resistive

Resolution : 1024 x 1024

Light transmission : 75%

Lifetime : 1 million activations

Controller : RS-232 interface