

# AMB-541

## Industrial Panel PC with 14" Flat-Panel Display

### Features

- NEMA 4/12 Painted Aluminum Alloy Front Panel
- 14" XGA Color TFT LCD Display
- 5-Slot (4 available) ISA/PCI-Bus Passive Backplane
- PCI-Bus MBC-266B Graphic Card
- 3-Disk Drive Housing: a 3.5" FDD & HDD and a CD-ROM Drive (optional)
- Hold-Down Clamp Protects Cards from Vibration
- Universal 250W Power Supply (or DC options)
- Analog Resistive Touchscreen (option)



### Introduction:

The compact size, painted metal steel chassis, bigger panel size and higher brightness makes the AMB-541 the ideal human-machine interface. The AMB-541 supports XGA (1024x768) resolution with a 14" XGA color TFT LCD display. The PC includes a PCI-Bus MBC-266B graphic card, 5-slot ISA/PCI-Bus passive backplane and also a 3-disk drive housing provided for a 3.5" FDD & HDD and a CD-ROM drive (optional). Other available optional items for this series are a touchscreen and DC input power supply.

### Display Selection Table

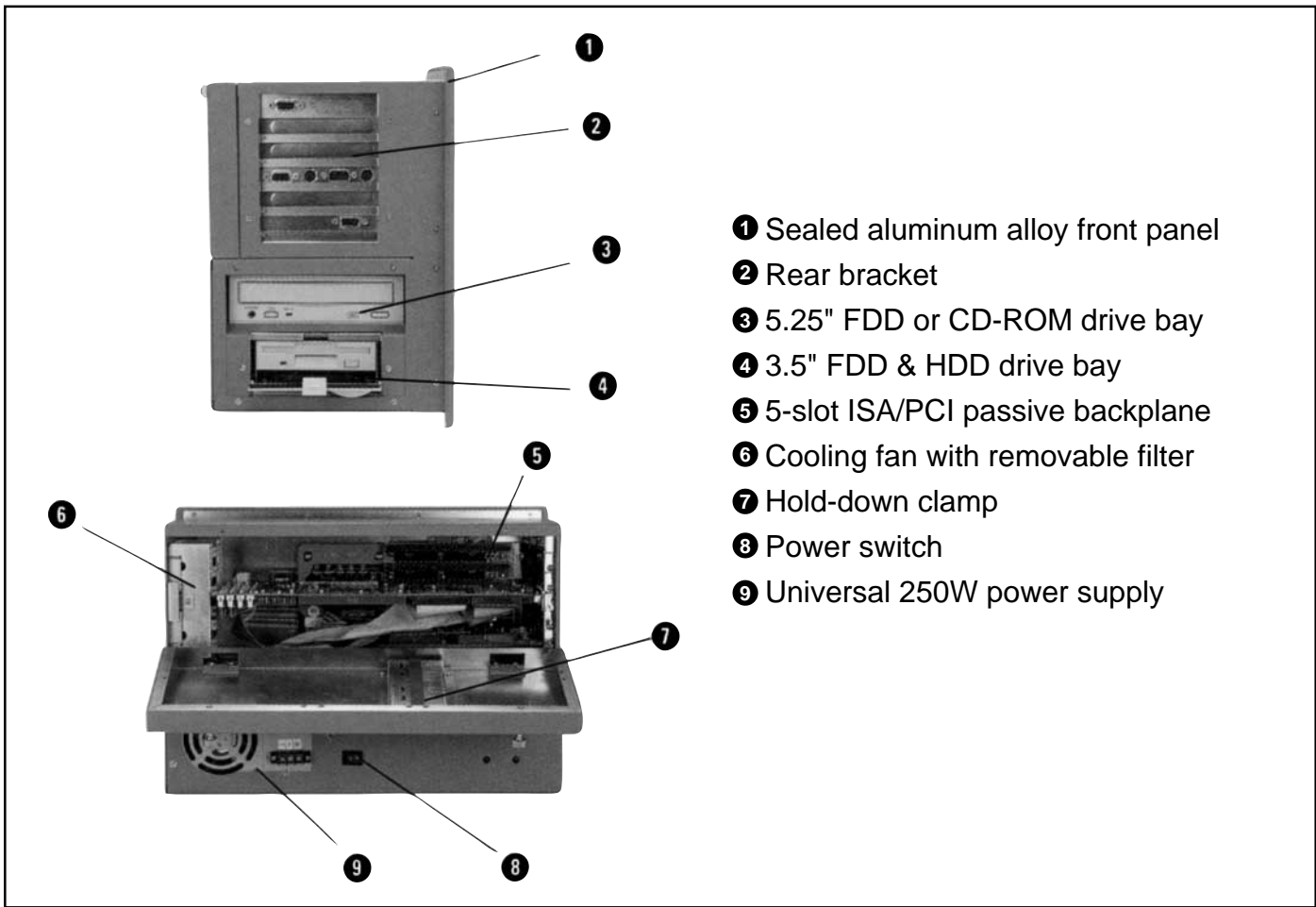
Item	Color TFT
Diagonal	14" (XGA)
Display Area	279.5(H) x 209.6(V)
Resolution	1024 x 768
Color	64K colors
Display Life	25,000 Hrs.

### Power Supply Selection Table

Model	Input Voltage	Max. Output Current			
		+5V	+12V	-5V	-12V
Universal/250W	85-265VAC	22A	7A	0.5A	0.7A
-48VDC/250W	-40 to -65VDC	25A	8A	1A	2A
24VDC/250W	19 to 30VDC	25A	6A	1A	2A
12VDC/160W	8.5 to 16VDC	20A	4A	0.5A	0.5A

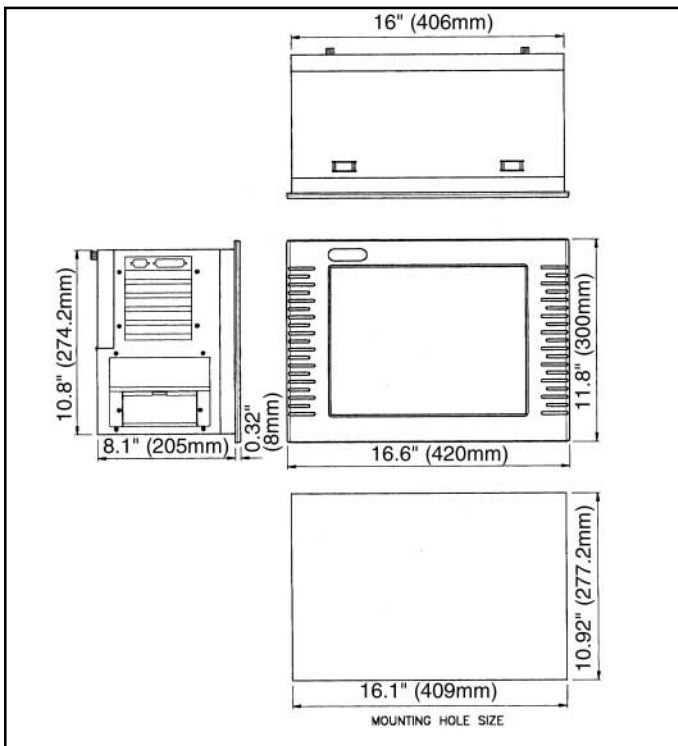
### Specifications:

- Construction:** Painted metal steel chassis & NEMA 4/12 aluminum alloy front panel
- I/O Ports:** 1 High speed serial port, 1 bi-directional parallel port
- Ethernet:** 10/100 BaseT, RTL8139 chipset
- CPU:** Celeron 366MHz through 800MHz  
Pentium III
- Disk drives:** Internal 3.5" FDD & Internal 3.5" 4.3 GB (min) HDD
- Flash Disk:** Disk On Chip
- Touch Screen:** Analog Resistive
- Cooling system:** 30 CFM cooling fan
- Weight:** 12.3Kgs
- Power supply:** Universal (85-265 VAC) standard (refer to the selection table)
- Passive backplane:** 5-slot ISA/PCI-Bus, (1 used by CPU, 4 Available) 4-layer PCB with power plane for noise reduction and power supply impedance. LED power indicators for +5V, -5V, +12V, -12V
- Operating Temp:** 0°C to 50°C
- Storage Temp:** -20°C to 60°C
- Relative humidity:** 5 to 95%, non condensing
- Altitude:** 10,000 ft. (3000 meters)
- Vibration:** 5 to 17Hz, 0.1 " double-amplitude displacement 17 to 500 Hz, 1.5G peak to peak
- Shock:** 10G peak acceleration (11 msec. duration)
- EMI:** meets FCC/VDE Class A
- Operating system:** Windows 98SE, NT, 2000
- RAM:** 64MB STD; Expandable to 128MB
- Cache:** 512k
- VGA controller:** C & T Chips 65535T LCD/CRT
- System BIOS:** Award BIOS
- I/O chipset:** ALI Alladin 4 + Chipset
- IDE/PCI support:** Ultima PMA/33
- Mouse connector:** PS/2
- Keyboard connector:** PS/2



- ① Sealed aluminum alloy front panel
- ② Rear bracket
- ③ 5.25" FDD or CD-ROM drive bay
- ④ 3.5" FDD & HDD drive bay
- ⑤ 5-slot ISA/PCI passive backplane
- ⑥ Cooling fan with removable filter
- ⑦ Hold-down clamp
- ⑧ Power switch
- ⑨ Universal 250W power supply

**Dimensions:**



**Ordering Information:**

**How To Order:**

<b>EXAMPLE</b>	<b>AMB-5411</b>	<b>T</b>	<b>T</b>
<b>Series</b>			
AMB-541 Series includes: 14" TFT Color LCD, Metal bezel 250W Universal 85-256 VAC power supply 4.3+ GB HDD 3.5" 1.44MB FDD 32 MB RAM 5 slot backplane ISA/PCI Accepts full size cards. 366 MHz Celeron CPU SBC VGA driver card Windows 98 installed			
<b>Display Type</b>			
T = 14" XGA color TFT LCD display			

**Options**

- T = Touchscreen
- 12V = 12 VDC, 160W power supply
- 24V = 24 VDC, 250W power supply
- 64M = Memory expanded to 64MB
- 128M = Memory expanded to 128MB
- INTCD = Internal CDROM drive
- 400MHZ = 400 MHz Celeron CPU
- NTW = Windows NT 4.0 Workstation installed
- NTS = Windows NT 4.0 Server (5 lic.) installed
- ILINK = Infilink Software installed as an option