

# AMB-513

## Industrial Panel PC with Flat-Panel Display

### Features

- Heavy Duty Steel Chassis with NEMA 4/12 Plastic Front Panel
- 10.4" Color TFT LCD Display
- 4-Slot (2 available) ISA-Bus Passive Backplane
- Comes with an Internal 3.5" FDD, 4.3GB HDD & CD-ROM (optional)
- 30 CFM Cooling Fan
- Universal 70W Power Supply or Other Options (Refer to The Selection Table)
- Analog Resistive Touchscreen (option)



### Introduction:

The AMB-513 series industrial panel PC's are IBM PC/AT compatible computers specially designed to meet all the requirements for a human-machine interface (HMI). They come equipped with a 10.4" color TFT LCD display. All are enclosed with a heavy duty steel chassis and a plastic front panel which meets NEMA 4 / 12 industrial and environmental protection standards.

### Display Selection Table

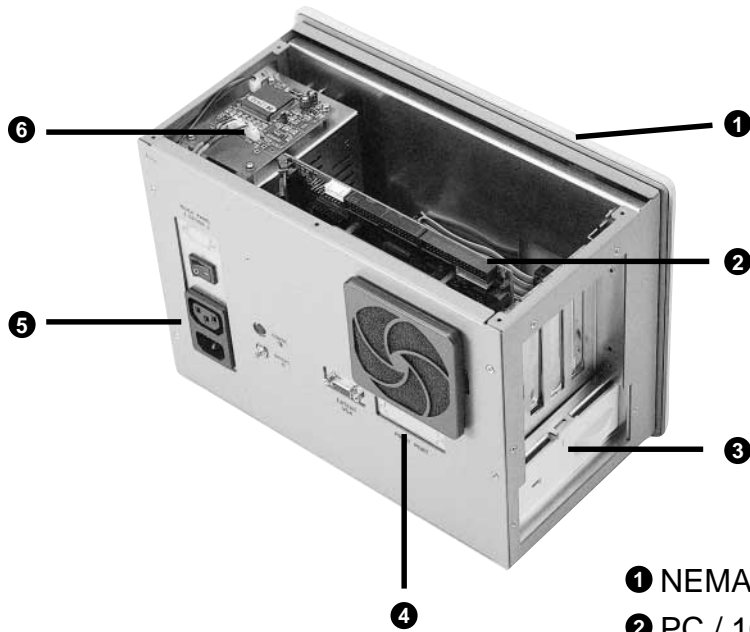
Item	Color TFT
Diagonal	10.4
Display Area	211.2 (H) x 158.4 V
Resolution	640 x 480
Color	64K colors
Display Life	25,000 Hrs.

### Power Supply Selection Table

Model	Input Voltage	Max. Output Current			
		+5V	+12V	-5V	-12V
Universal/70W	90-260VAC	7A	2.5A	0.3A	0.3A
48VDC/70W	36 to 72VDC	7A	2.5A	0.3A	0.5A
24VDC/70W	19 to 30VDC	7A	2.5A	0.3A	0.5A
12VDC/65W	8.5 to 16VDC	6A	2A	0.3A	0.5A

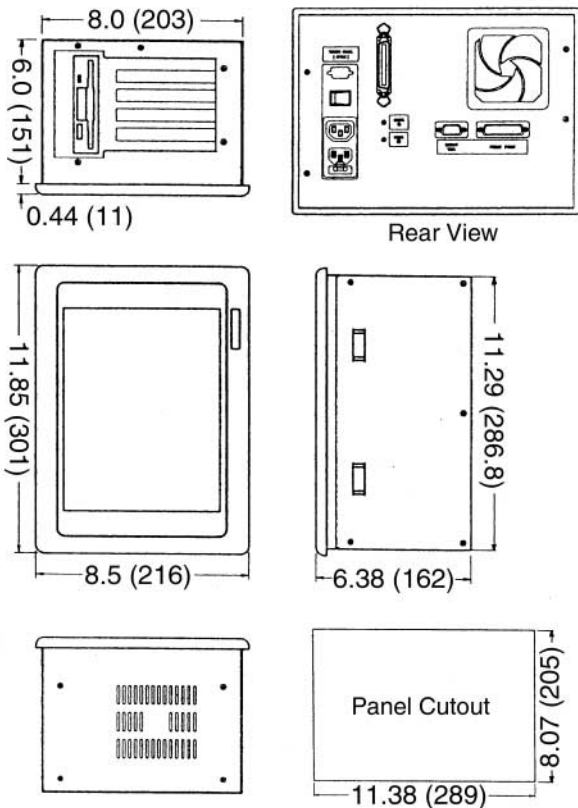
### Specifications:

- Construction:** Heavy Duty steel chassis & NEMA 4/12 plastic 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 (or higher) HDD
- Flash Disk:** Disk On Chip
- Touch Screen:** Analog Resistive
- Cooling system:** 30 CFM cooling fan
- Weight:** 6Kgs
- Power supply:** Universal (90-260 VAC) standard (refer to the selection table)
- Passive backplane:** 1 open PCI, 1 open ISA 1/2 length
- 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)
- Safety:** CE
- 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 NEMA 4 / 12 plastic front panel
- ② PC / 104 Flat-panel control module
- ③ FDD anti-dust door
- ④ Air flow filter
- ⑤ Power inlet & Power switch
- ⑥ Touchscreen control board (option)

**Dimensions:**



Dimensions are in inches (mm)

**Ordering Information:**

**How To Order:**

<b>EXAMPLE</b>	<b>AMB-513</b>	<b>HT</b>	<b>T</b>
<b>Series</b>			
<b>Display Type</b>			
HT = 10.4" high brightness color TFT LCD display			
<b>Options</b>			

- T = Touchscreen option
- 48VDC = -40 to -65 VDC input power supply
- 24VDC = 19 to 30 VDC input power supply
- 12VDC = 8.5 to 16 VDC input power supply

**Accessories**

- EXTCD = External CD-ROM Drive
- AMB-106 = 20 function key sealed membrane keyboard
- AMB-107 = 56 data entry key sealed membrane keyboard

For additional RAM consult factory