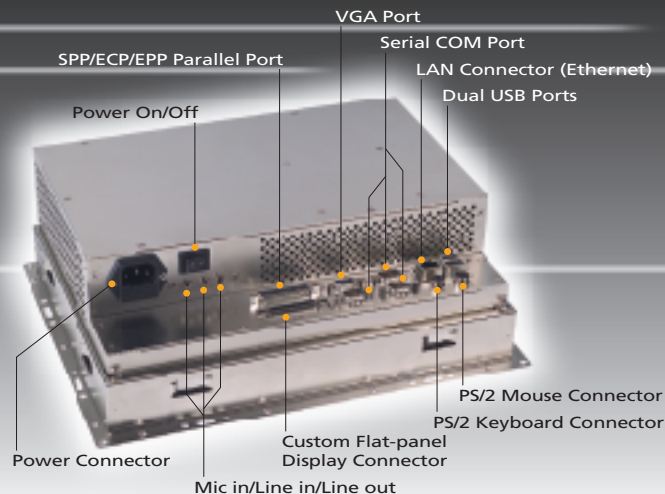


## 10.4" Fanless Panel PC



▲ **AMB-2000-E**  
10.4" Fanless Panel PC  
with Optional Aluminum Bezel

**IP65 certified**



### Features

- 10.4" VGA (640 x 480) color TFT LCD display
- Heavy-duty steel chassis and IP-65 certified aluminum front panel
- All-in-one SBC with onboard NS Geode GX1 300MHz CPU
- Four 16C550 RS-232C ports, one RS-232C port can be set as RS-422/485 also
- Supports CompactFlash™ Type II slot
- DiskOnChip flash disk socket
- Anti-Vibration 2.5" Hard Disk bay
- VESA75/100mm standard screw holes
- Aluminum front bezel (optional)
- Rotatable mounting mechanism (optional)
- Resistive touchscreen (optional)

### Power Supply

- **Input Voltage** : 85 ~ 270V AC

#### 24V DC Input 70W (optional)

- **Input Voltage** : 10 ~ 30V DC

### Specifications

- **Construction** : Heavy-duty steel chassis & IP-65 certified aluminum front panel
- **CPU** : Onboard NS Geode 300MHz CPU
- **Memory** : Supports up to 256MB
- **Display** : 10.4" VGA (640 x 480) color TFT LCD
- **LCD/CRT controller** :  
NS Cx5530 Chipset  
UMA supports up to 2.5MB display memory
- **Network (LAN)** : Realtek RTL8100BL 10/100 Base-T Ethernet controller
- **I/O ports** :  
4 serial ports : 3 x RS-232, 1 x RS-232/422/485  
(One is reserved for touchscreen)  
1 parallel port (supports ECP/EPP)  
1 PS/2 keyboard interface  
1 PS/2 mouse interface
- **Disk Drive Housing** : Anti-Vibration 2.5" HDD
- **USB connector** : Dual USB ports
- **Mounting** : Panel, Rear mount  
Optional : Standard mount frame  
Handle mount  
Swivel ARM, Wall mount kit
- **Power supply** : Universal 70W switching power supply
- **OS support** : MS DOS, Windows 98/SE, Windows NT4.0, Windows CE.NET(optional)
- **Dimension (W x H x D)** :  
326 x 251 x 109.7mm (12.8" x 10" x 4.3")
- **Carton Dimension (W x H x D)** :  
460 x 380 x 301mm (18.1" x 15" x 11.9")
- **Gross Weight** : 6.5 Kg (14.3 lbs)

## LCD Specifications

<b>Model</b>	AMB-2000-E
<b>Display type</b>	10.4" color TFT LCD
<b>Max. resolution</b>	640 x 480
<b>Max. colors</b>	256K
<b>Dot size (mm)</b>	0.33 x 0.33
<b>Luminance (cd/m<sup>2</sup>)</b>	250 (TYP)
<b>Viewing angle</b>	80° (H)
	45° (V)
<b>Operating temperature</b>	0° ~ 45°C (32 ~ 113°F)
<b>Back Light MTBF(Hrs)</b>	30,000

## Environmental Specifications

- **Operating temperature** : 0° to 45°C (32 ~ 113°F)
- **Storage humidity** : 10 to 90%@ 40°C, non-condensing
- **Vibration** : 1G / 5 ~ 500Hz / operation
- **Shock** : 15G peak acceleration (11 msec. duration)
- **EMC** : CE / FCC Class A

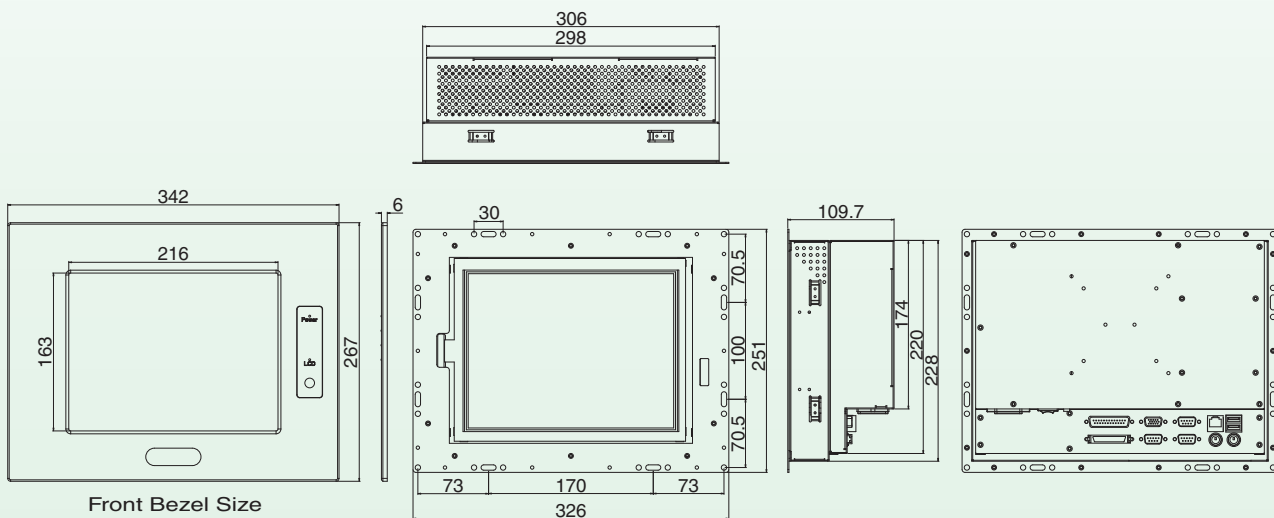
## Touchscreen (optional)

- Type** : 8-wire, analog resistive
- Resolution** : 1024 x 1024
- Light transmission** : 76% ± 2
- Lifetime** : 1 million activations
- Controller** : RS-232 interface

## Dimension

### AMB-2000-E

Unit:mm



Chassis Cutout Size : 309 \* 231 mm  
 LCD Cutout Size : 216 \* 163 mm