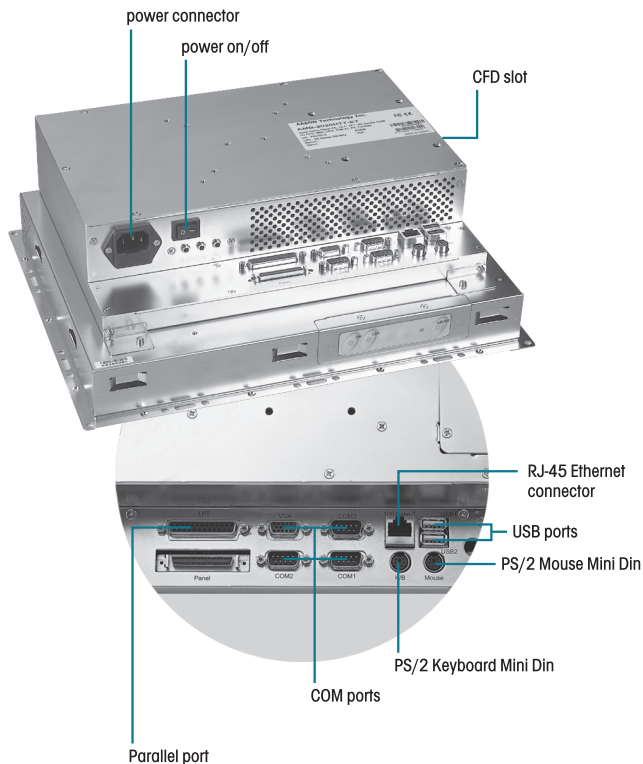


AMB-2000

The Power That Solves

AMD Geode CPU based Fanless Industrial Panel PC with 10.4" TFT LCD



Features

- 10.4" VGA (640 x 480) color TFT LCD
- Onboard AMD Geode™ 300MHz CPU
- System memory up to 256MB SDRAM
- Anti-Vibration Disk Drive bay for 2.5" HDD
- Type II CompactFlash™ socket



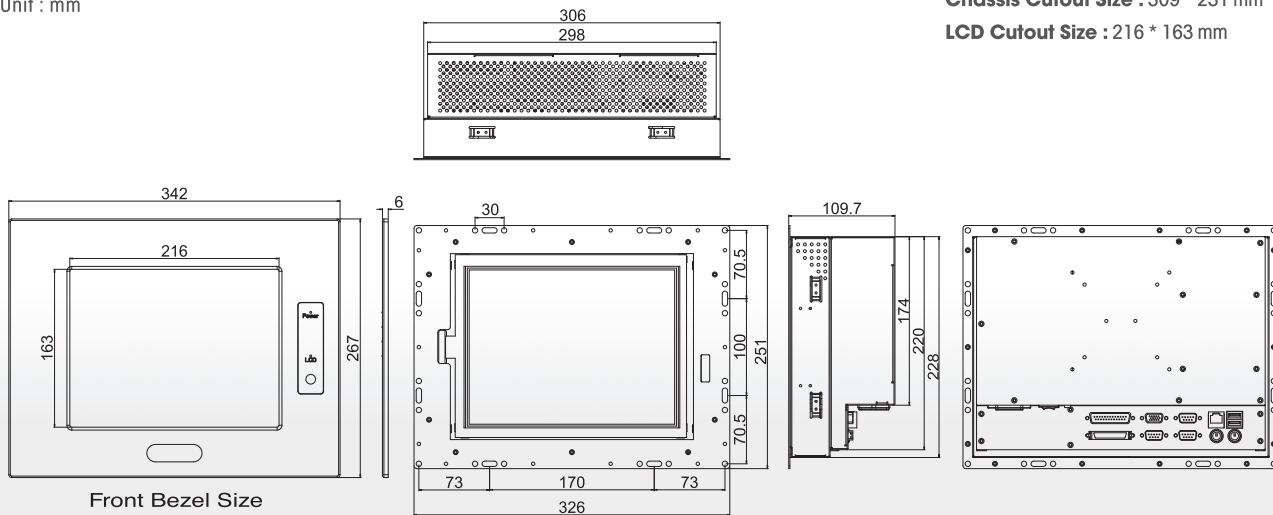
Specifications

System	
CPU	Onboard AMD Geode 300MHz CPU
Memory	Supports up to 256MB SDRAM
LCD/CRT Controller	AMD CX5530 VGA controller UMA supports up to 2.5MB display memory CRT & LCD panel support
Ethernet	Realtek RTL8100BL, 10/100 Base-Tx RJ-45 connector x 1
I/O Port	4 serial ports : 3 x RS-232, 1 x RS-232/422/485 (COM 4 is reserved for touchscreen) 1 parallel port (supports ECP/EPP) 1 PS/2 mouse port 1 PS/2 keyboard port Mic-in, Line-in, Line-out
Storage Disk Drive	Anti-Vibration 2.5"HDD, Type II CompactFlash slot
USB Connector	Dual USB ports
OS Support	MS DOS, Windows 98SE, Windows NT4.0
Mechanical	
Construction	Heavy-duty steel chassis IP-65 certified aluminum front panel (optional)
Front Panel Color	RAL 7035
Mounting	Panel Mount, Rear Mount Optional : Wall mount kit, Swivel ARM, Rotatable mounting mechanism
Dimension	12.8" (W) x 10" (H) x 4.3" (D) (326mm x 251mm x 109.7mm) With bezel : 13.5" (W) x 10.5" (H) x 4.6" (D) (342mm x 267mm x 115.7mm)
Carton Dimension	18.1" (W) x 15" (H) x 11.9" (D) (460mm x 380mm x 301mm)
Gross Weight	23.4 lb (10.6 Kg) With bezel : 24.7 lb (11.2 Kg)
Environmental	
Operating Temperature	32 °F ~ 104 °F (0 °C ~ 40 °C)
Storage Temperature	-4 °F ~ 140 °F (-20 °C ~ 60 °C)
Operating 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

Dimension

Unit : mm

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



- 1 Operator Panel
- 2 Panel PC
- 3 LCD PC
- 4 Embedded Control PC
- 5 Workstation
- 6 Display Monitor
- 7 IPC Solution
- 8 Full-Size CPU Card
- 9 Half-Size CPU Card
- 10 Accessory

Power Supply	
AC Input 70W (standard offer)	Input : 85V _{AC} ~ 270V _{AC} @ 47 ~ 63Hz Output : +5V@10A, +12V@1.5A, -12V@0.3A
24V DC Input 72W	Input : 10V _{DC} ~ 30V _{DC} @ 13A max Output : +5V@10A, +12V@1.5A, -12V@0.3A
LCD	
Display Type	10.4" color TFT LCD
Max. Resolution	640 x 480
Max. Colors	256K
Dot Size	0.33mm x 0.33mm
Luminance	250 cd/m ² (TYP.)
Viewing Angle	80° (H) 45° (V)
Back Light MTBF	30,000 hrs
Touchscreen (optional)	
Type	8-wire, analog resistive
Resolution	2048 x 2048
Light Transmission	76% ± 2
Lifetime	1 million activations
OS Support	MS DOS, Windows 98/SE, Windows NT4.0

Ordering Information

- **AMB-2000HT-E1**
10.4" TFT, SBC with AMD Geode 300MHz CPU, AC power supply, Touchscreen
- **AMB-2000HT-E2**
10.4" TFT, SBC with AMD Geode 300MHz CPU, DC power supply, Touchscreen
- **AMB-2000HTT-E1**
AMB-2000HT-E1 with resistive touchscreen
- **AMB-2000HTT-E2**
AMB-2000HT-E2 with resistive touchscreen

Accessory Options

- **M14PC10000**
Aluminum front bezel for AMB-2000
- **ARM-LA0115**
Swivel arm with VESA 75/100mm standards
- **ARM-WK075-0**
Wall mount kit with VESA 75/100mm standards
- **ARM-MK10-0**
Rotatable mounting mechanism for AMB-2003 & AMB-2000 series