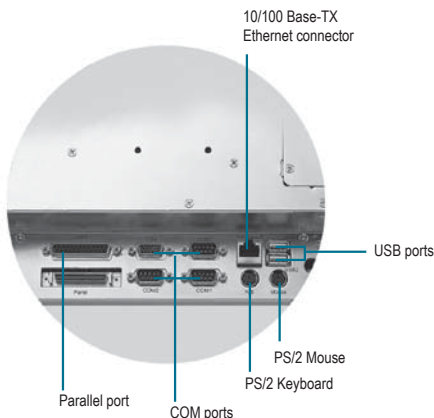
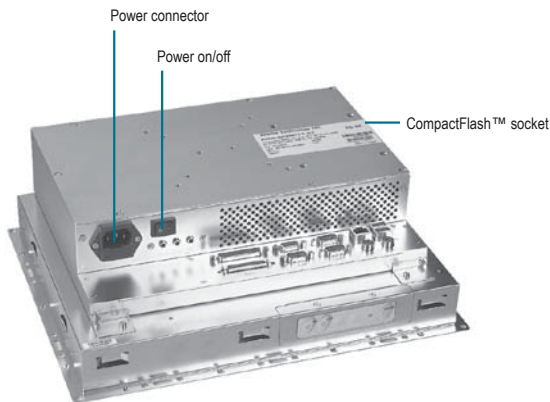


# APC-7100 (AMB-2000)

Industrial Computing Platform Partner

## AMD Geode™ CPU based Fanless Industrial Robust 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" Hard Disk Drive
- Type II CompactFlash Socket



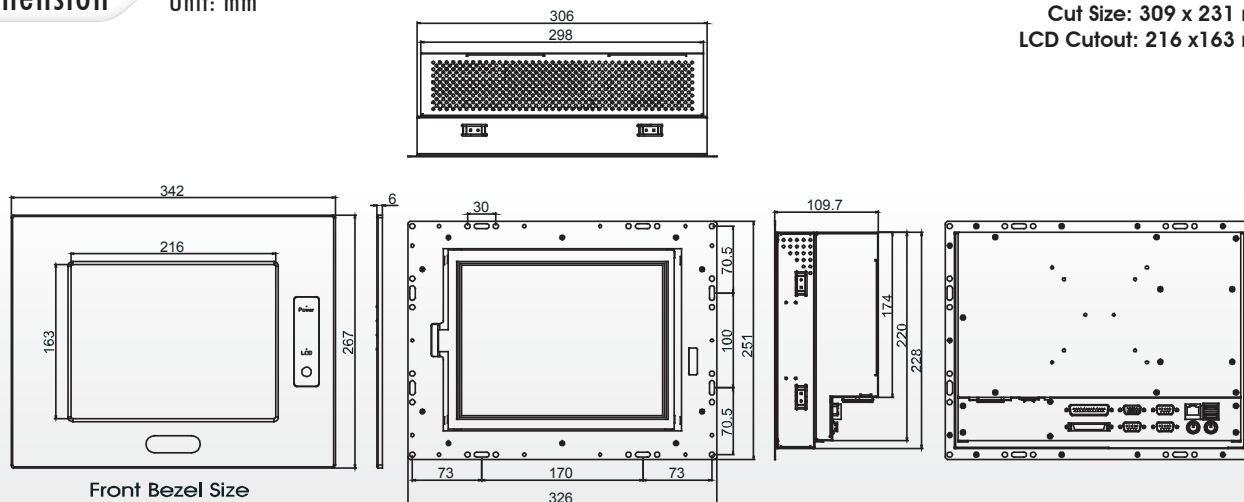
### Specifications

System	
Processor	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" Hard Disk Drive, 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	Panelmount, Rearmount, VESA 75/100 mm holes Optional: Wallmount 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 to 40°C)
Storage Temperature	-4°F~140°F (-20°C to 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

Cut Size: 309 x 231 mm  
LCD Cutout: 216 x 163 mm



Power Supply	
AC Input 70W (standard)	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 <sup>2</sup> (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® 98SE, Windows® NT 4.0

Ordering Information

- **AMB-2000HT-E1**  
10.4" TFT, SBC with AMD Geode™ 300MHz CPU, AC Power Supply
- **AMB-2000HT-E2**  
10.4" TFT, SBC with AMD Geode™ 300MHz CPU, 24V DC Power Supply
- **AMB-2000HTT-E1**  
AMB-2000HT-E1 with Resistive TouchScreen
- **AMB-2000HTT-E2**  
AMB-2000HT-E2 with Resistive TouchScreen

Optional Accessories

- **M14PC10000**  
Aluminum Front Bezel for APC-7100
- **ARM-LA0115**  
Swivel Arm with VESA 75/100mm Standards
- **ARM-WK075-0**  
Wallmount Kit with VESA 75/100mm Standards
- **ARM-MK10-0**  
Rotatable Mounting Mechanism for APC-7100 & APC-7102 Series
- **2.5" Hard Disk Drive**

01  
Medical Station Solutions - ONYX Series

02  
Medical Display Solutions - ONYX Series

03  
Operator Panel Solutions - OMNI Series

04  
Robust Panel PC Solutions

05  
Embedded Controller - Boxer S Series

06  
Embedded Controller - Boxer Series

07  
Industrial Monitor Solutions

08  
Sun-readable & Vehicle LCD Monitors

09  
Industrial Workstation Solutions

10  
Common Accessories