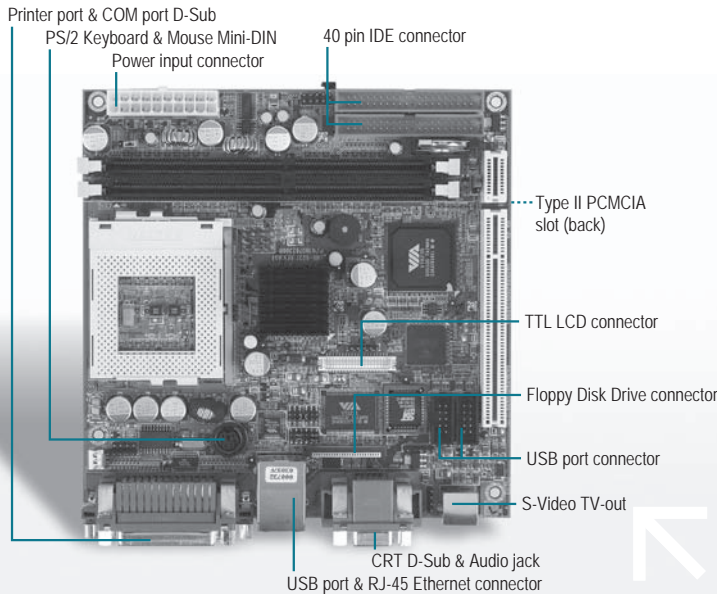


EMB-623T (ITX-266)

Industrial Computing Platform Partner

Socket 370-based Pentium® III / Celeron® Processor



Features

- Supports Socket 370-based Intel® Pentium® III Processor up to 1.4GHz
- Supports TFT Panels
- 10/100Mbps Fast Ethernet
- AC-97 3D Surround 6 Channel Audio
- PCI Expansion Interface and PCMCIA
- Supports 4/5 Wire Resistive Touch Panel



Specifications

System	
CPU	Socket 370-based Pentium® III / Celeron® Processor up to 1.4GHz with FSB 66/100/133MHz
System Memory	184 pin DDR SDRAM DIMM socket x 2, Max. 2GB (DDR200/266)
Chipset	VIA CLE266 + VT8235
I/O Chipset	VIA VT1211
Ethernet	VIA VT6103, 10/100Base-TX RJ-45 connector x 1
BIOS	Award 256KB FLASH ROM
Watchdog Timer	Generate a Time-out system reset.
Expansion Interface	PCI slot x 1, PCMCIA
PCMCIA	TI PC1420. Supports two slots.
Power Requirement	+3.3V, +5V, +5VSB, +12V. ATX
Board Size	6.7" (L) x 6.7" (W) (170mm x 170mm)
Gross Weight	0.9 lb. (0.42kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Display	
	Supports CRT, TFT LCD, TV, CRT/TV and CRT/TFT LCD simultaneous display
Chipset	VIA CLE266
Memory	Shared memory up to 64MB
Resolutions	up to 1600 x 1200 for CRT & LCD up to 1024 x 768 for LCD
LCD Interface	TFT LCD
TV-out	Supports NTSC and PAL
Touch Screen (optional)	Hampshire TSHARC-12 PS/2 to touch screen controller Supports both 4 and 5 wires touch screen panels
I/O	
MIO	EIDE(UDMA133) x 2, Floppy Disk Drive x 1, Keyboard x 1 RS-232/485 x 2, Parallel x 1
IrDA	One IrDA Tx/Rx header
Audio	MIC-in, Line-in, Line-out / Speaker-out 5.1 output
USB	Two 5x2 pin headers support 4 USB 2.0 ports and 2 USB 2.0 type A

Packing List

- **M202660000** Female (45cm)
Rear I/O Shield
- **1701400453** Quick Installation Guide
IDE Cable 3.5" UDMA-100, 40 pin, 2.54mm, Utility CD
- EMB-623T

Ordering Information

- **EMB-623T-A10 (ITX-266-A10)**
AIO Mini ITX Socket 370 with LCD, TV-out, LAN, 6CH AC97, 2 COMs, Touch, PCMCIA. Rev. A1.0
- **EMB-623T-A10-01 (ITX-266-A10-01)**
AIO Mini ITX Socket 370 with LCD, LAN, 6CH AC97, 2 COMs, Touch, PCMCIA. Rev. A1.0
- **EMB-623T-A10-02 (ITX-266-A10-02)**
AIO Mini ITX Socket 370 with LCD, LAN, 6CH AC97, 2 COMs, Touch. Rev. A1.0

Optional Accessories

- **1759200152** CPU Cooler Fan + Heat Sink, FCPGA, for 0.18μ Socket 370 CPU, 3P, 12V, 1U Low Profile
- **1759200329** Cooler for 0.13μ Socket 370 CPU, 3 pin, 12V, 1U Low Profile (22mm height)
- **1709100200** USB Cable with Bracket for 2 USB Ports, 5x2 pin, 2.54mm, Female (20cm)
- **1706260240** Floppy Flex Cable, 26 pin, 24cm
- **1907110000** PER-1100 Riser Card for 2 PCI Slots
(Lowest PCI Slot cannot be used because of mechanical conflict)
- **1907353801** PCM-3538T TTL to LVDS for 18/24 bit Transmitter
- **1700070050** Composite Cable for TV-out Function
- **1759200328** CPU Cooler for Socket 370 3P 12V H=25.3mm for Tualatin CPU
- **1703200502** Linking PCM-3538T LVDS Connector (CN1) and LG LM150X08 Connector (CN1)
- **1703200503** Linking PCM-3538T LVDS Connector (CN1) and LG LP121X04 Connector (CN1)
- **1703400205** Linking EMB-623T TTL Connector (CN16) and PCM-3538T TTL Connector (CN5)
- **PER-Y205-A10** 2.5" Devices to 3.5" Devices Transfer Board