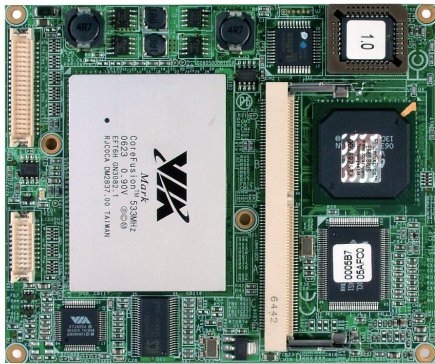




EmETX-v605

VIA Mark ETX CPU Module with CRT/LCD, Audio & LAN



◀ New!! ETX

Features

- Support VIA Mark Processor 533/800MHz CPU
- 1 x 144-pin SO-DIMM up to 512MB
- Support CRT, LCD and TV-out
- Realtek RTL8100C 10/100 Base-T Ethernet
- 4 x USB 1.1 Ports and 2 x Serial Ports
- **Function Compatible to EmETX-v601**

System

CPU	Support VIA Mark 533/800MHz CPU (133MHz FSB)
Cache	2nd level 64 KByte
Memory	1 x 144-pin SO-DIMM up to 512MB SDRAM
Chipset	VIA Mark + VT82686B
BIOS	Phoenix-Award PnP Flash BIOS
ATA/IDE	2 x Ultra DMA 66/100, support 4 IDE drives
Watchdog Timer	127-level Reset

I/O

Serial Port	2 x RS-232 ports
Parallel Port	SPP/EPP/ECP mode
Floppy	Support 1 Floppy disk drive (share with parallel port)
USB Port	4 x USB 1.1 compliant

Ethernet

Chipset	Realtek 8100CL 10/100 base-T Ethernet controller
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Audio

Codec/Interface	VT1613 AC'97 Codec, support Mic-in/Line-in/Line-out
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Display

Graphics Chipset	VIA Mark Savage4 Engine up to 32MByte UMA Video RAM
Graphics Interface	CRT support up to 1600 x 1200
	LCD support 18/36 bit LVDS up to 1600 x 1200
	LCD support 18/24/36 bit TTL up to 1600 x 1200

Mechanical & Environmental

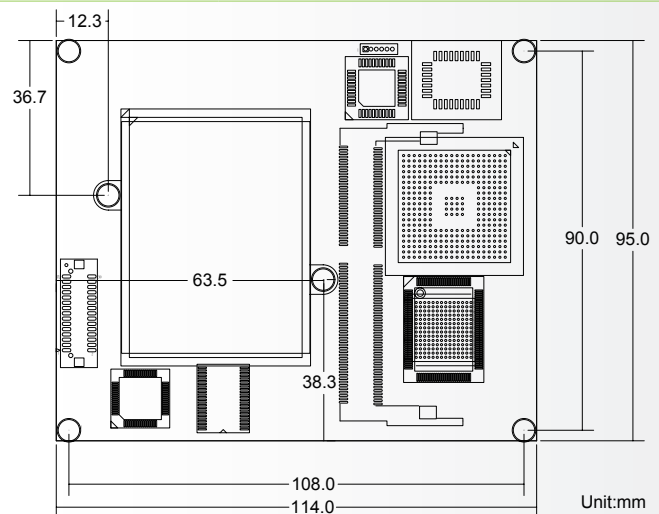
Power Consumption 5V/4.38A Max. (Mark 533MHz)

Operating Temp. 0 ~ 60°C (32 ~ 140°F)

Operating Humidity 0% ~ 90% (non-condensing)

Dimension (L x W) 114 x 95 mm (4.5" x 3.7")

Dimensions



Ordering Information

EmETX-v605/E533	VIA Mark 533MHz ETX CPU module
EmETX-v605/E800 (Optional)	VIA Mark 800MHz ETX CPU module
PBE-1000	ETX evaluation board in ATX form factor Page 1-11
Heatsink	57 x 42 x 30 mm (2.24" x 1.65" x 1.18")