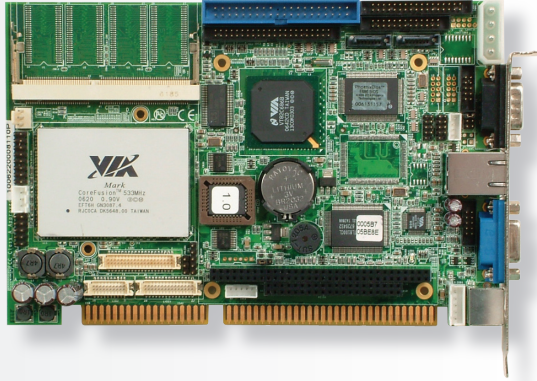


EmCORE-v622

Half-size ISA VIA Mark CoreFusion Processor SBC with CRT, LCD, Audio, COM Port, PC/104 and LAN



◀ **New!!**

Features

- VIA Mark CoreFusion 533MHz CPU Soldered (or 800MHz Optional)
- PC133 SDRAM up to 768MB (256MB Onboard Max. + 512MB SODIMM Max.)
- 1 x 10/100 Fast LAN (Default) or Dual 10/100 Fast LAN (Optional)
- 4 x USB 1.1 Ports and 2 x COM Ports (Default) or Optional 4 x COM Ports
- **Multi-expansion (1 x PC/104 Bus + 1 x CompactFlash Socket)**
- Support 2 x SATA 150MB/s

System

CPU	VIA Mark CoreFusion 533MHz CPU soldered (or 800MHz optional)
Memory	PC-133 SDRAM up to 768MB (Optional onboard SDRAM 256MB Max. + 1 x 144-pin PC-133 SODIMM 512MB Max.)
Chipset	VIA Mark + VT82C686B
BIOS	Phoenix-Award PnP Flash BIOS
ATA/IDE	2 x Serial ATA (150MB/s) 1 x DMA 33, support 2 IDE drives
Flash Disk	1 x CompactFlash Type II Socket
Watchdog Timer	255-level Reset
I/O	
Serial Port	COM1: RS-232 COM2: RS-232/422/485 Selectable
Parallel Port	SPP/EPP/ECP mode
Floppy	Support 2 Floppy disk drives
IrDA	1 x SIR IrDA 1.1 compliant
USB Port	4 x USB 1.1 compliant
KB/MS	1 x PS2 K/B and Mouse
Expansion Bus	1 x PC/104 standard interface

Ethernet

Chipset	Realtek RTL8100C 10/100 base-T Ethernet
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Audio

Codec/Interface	VIA VT1613 AC97 Codec, support Mic-in/Line-in/Line-out
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Display

Graphics Chipset	VIA Mark integrated Prosavage4 Engine, share system memory up to 32MB
Graphics Interface	CRT support up to 1600 x 1200 LVDS support 18/36 bit up to 1600 x 1200 TTL support 18/24/36 bit up to 1280 x 1024

Mechanical & Environmental

Operating Temp.	0 ~ 60°C (32 ~ 140°F)
Operating Humidity	0 ~ 90% (non-condensing)
Dimension (L x W)	185 x 122 mm (7.3" x 4.8")

Ordering Information

EmCORE-v622VL/E533	Half-size ISA VIA Mark 533MHz SBC with CRT, LCD, Audio and LAN
EmCORE-v622VL/E533/128MB (Optional)	Half-size ISA VIA Mark 533MHz SBC with CRT, LCD, Audio, 128MB SDRAM and LAN
EmCORE-v622VL2/4S (Optional)	Half-size ISA VIA Mark 533MHz SBC with CRT, LCD, Audio, 4 x COM and Dual LAN