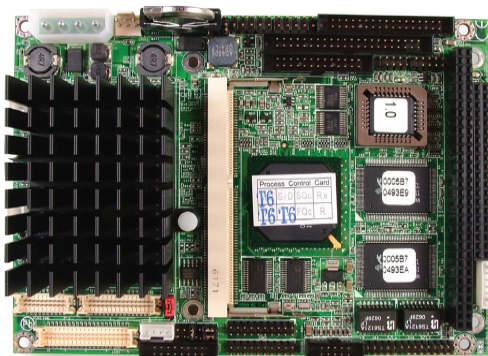


EmCORE-v621

3.5" VIA Mark 533 Processor Miniboard with LCD/CRT, Audio, and Dual LAN



◀ **New!!**

Features

- VIA Mark Processor 533/800MHz FSB133MHz
- 1 x 144-pin SO-DIMM up to 512MB SDRAM
- Support CRT/LCD
- Support 2 x Realtek 8100CL 10/100 Base-T Fast Ethernet
- 1 x PC/104 Interface
- Function Compatible to EmCORE-v611

System

CPU	VIA Mark processor 533/800MHz (133MHz FSB)
Cache	2nd level 64KByte
Memory	1 x 144-pin SO-DIMM up to 512MB SDRAM
Chipset	VIA Mark + VIA VT82686B
BIOS	Phoenix-Award PnP Flash BIOS
ATA/IDE	1 x Ultra DMA 33, support 2 IDE drives
Flash Disk	1 x CompactFlash Type II Socket
Watchdog Timer	127-level Reset

I/O

Serial Port	3 x RS-232 ports (COM1, COM3, COM4) 1 x RS-232/422/485 port (COM2)
Parallel Port	SPP/EPP/ECP mode
Floppy	Support 2 Floppy disk drives
IrDA	1 x SIR IrDA 1.1 compliant
USB	4 x USB 1.1 compliant
KB/MS	1 x PS2 K/B and Mouse
Expansion Bus	1 x 16 bit ISA-based PC/104 interface
Digital I/O	8 bit Digital Input/Output

Ethernet

Chipset	2 x Realtek 8100CL 10/100 base-T Ethernet LAN1 support Boot from LAN
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Audio

Codec/Interface	VIA VT1613A AC97 Codec, support Mic-in/Line-in/Line-out
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Display

Graphics Chipset	VIA ProSavage4 Engine up to 32MByte UMA Video RAM
Graphics Interface	CRT support up to 1600 x 1200 LCD support 18/36 LVDS bit up to 1600 x 1200 LCD support 18/24/36 bit TTL up to 1600 x 1200

Mechanical & Environmental

Power Consumption EmCORE-v621VL2R/E533

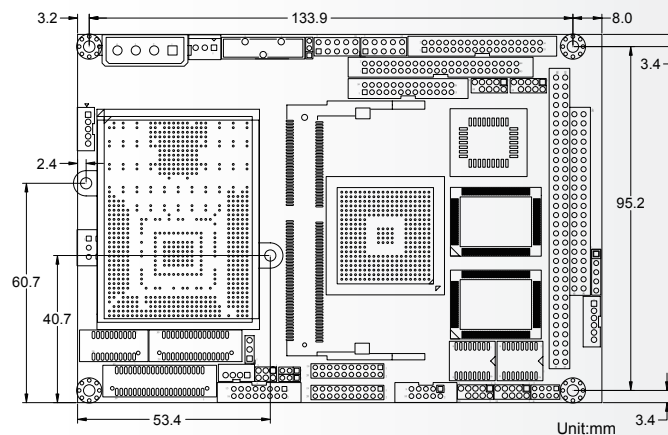
5V/3.28A (Max.)

Operating Temp. 0 ~ 60°C (32 ~ 140°F)

Operating Humidity 0 ~ 90% (non-condensing)

Dimension (L x W) 146 x 102 mm (5.7" x 4")

Dimensions



Ordering Information

EmCORE-v621VL2R/E533 3.5" Embedded VIA Mark 533MHz miniboard with CRT/LCD, Dual LAN, Audio, PC/104 and CompactFlash

EmCORE-v621VL2R/E800 (Optional) 3.5" Embedded VIA Mark 800MHz miniboard with CRT/LCD, Dual LAN, Audio, PC/104 and CompactFlash

Cable Kit CBK-12-0621-00

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All specifications are subject to change without notice.