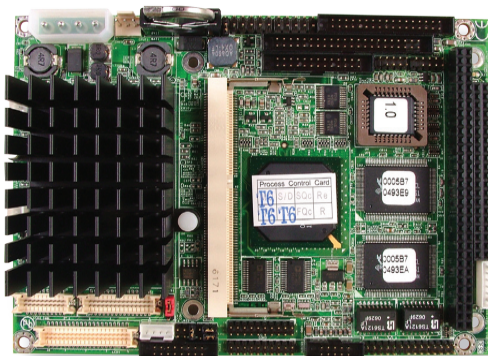


# EmCORE-v621

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

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

## I/O

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

## Ethernet

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

<b>Codec/Interface</b>	VIA VT1613A AC97 Codec, support Mic-in/Line-in/Line-out
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## Display

<b>Graphics Chipset</b>	VIA ProSavage4 Engine up to 32MByte UMA Video RAM
<b>Graphics Interface</b>	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

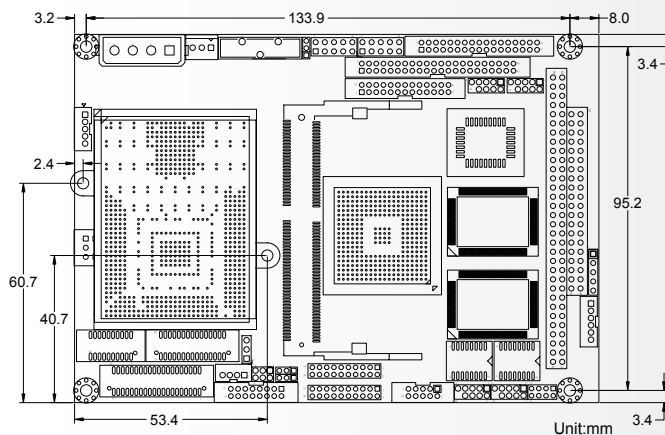
5V/3.28A (Max.)

**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.