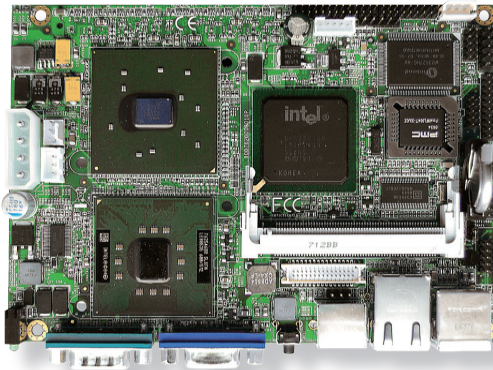


# EmCORE-i762

3.5" Intel Celeron M 1.0GHz Miniboard with CRT, LCD, Audio and LAN



## Features

- Intel Celeron M 1.0GHz Zero Cache Processor with 400MHz FSB
- Support DDR 200/266 up to 1GB DDR SDRAM
- Support Dual Display (Independent Display)
- **Support 18/36 bit LVDS and CRT**
- Support 6 x High Speed USB 2.0 Ports
- Support CompactFlash Type I/II Socket up to 4GB
- **Intel 82562ET 10/100 Base-T Ethernet**
- **2 x RS-232 Serial Ports**
- Support 1 x Mini PCI Slot
- **Operating Temp.: -20 ~ 70°C**

## System

<b>CPU</b>	Onboard Intel Celeron M 1.0GHz zero cache processor (FSB400MHz)
<b>Memory</b>	1 x 200-pin SO-DIMM up to 1GB DDR SDRAM
<b>Chipset</b>	Intel 852GM + Intel ICH4
<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>	255-level Reset

## I/O

<b>Serial Port</b>	2 x RS-232 ports (COM1, 2)
<b>Parallel Port</b>	SPP/EPP/ECP mode
<b>Floppy Disk</b>	Support Floppy disk drive share with parallel port
<b>USB Port</b>	6 x USB 2.0 compliant
<b>KB/MS</b>	1 x PS2 K/B and Mouse
<b>Digital I/O</b>	8 bit Digital I/O
<b>Expansion Bus</b>	1 x 32 bit/33MHz Mini PCI Socket

## Ethernet

<b>Chipset</b>	Intel 82562ET 10/100 base-T Ethernet
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## Audio

<b>Codec/Interface</b>	Realtek ALC655 AC97 Codec, support Mic-in/Line-in/Line-out
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## Display

<b>Graphics Chipset</b>	Intel 852GM Extreme Graphics2 Engine up to 64MByte UMA Video RAM
<b>Graphics Interface</b>	CRT support up to 2048 x 1536 LVDS support 18/36 bit up to 1600 x 1200 Dual mode independent display

## Mechanical & Environmental

<b>Power Consumption</b>	EmCORE-i762VL/CM1.0GHz 5V/2.25A, 12V/0.24A (Max.)
<b>Operating Temp.</b>	-20 ~ 70°C (-4 ~ 158°F)
<b>Operating Humidity</b>	0 ~ 95% (non-condensing)
<b>Dimension (L x W)</b>	146 x 102 mm (5.7" x 4")

## Ordering Information

<b>EmCORE-i762VL/CM1000</b>	3.5" SBC with Intel Celeron M 1.0GHz zero cache, CRT/LCD, Audio and LAN
<b>EmCORE-i762VL/CM600 (Optional)</b>	3.5" SBC with Intel Celeron M 600MHz, CRT/LCD, Audio and LAN
<b>Cable Kit</b>	CBK-08-0762-00