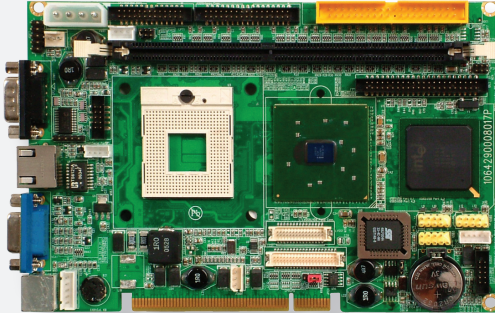


# EmCORE-i6429

Half-size PCI Intel Pentium M/Celeron M Socket 478 SBC with CRT/LCD, Audio and LAN



◀ **New!!**

## Features

- Intel Socket 478 Pentium M/Celeron M Processor up to 1.8GHz FSB400MHz
- 1 x 184-pin DIMM Support up to 1 GB DDR SDRAM
- Support 6 x USB 2.0 Ports, 2 x COM Ports
- Support CRT, TTL and LVDS TFT Panel
- Support 10/100 Base-T Fast Ethernet
- CompactFlash Type II Socket

## System

<b>CPU</b>	Socket 478 for Intel Pentium M/Celeron M processor up to 1.8GHz FSB400MHz Onboard Intel Celeron 600MHz processor (FSB600MHz)
<b>Cache</b>	2nd level 2MByte
<b>Memory</b>	1 x 184-pin 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>	IDE 1: Ultra DMA 100, support 2 IDE drives IDE 2: 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>	1 x RS-232 port (COM1) in bracket 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 Port</b>	6 x USB 2.0 compliant
<b>KB/MS</b>	1 x PS2 K/B and Mouse

## 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 TTL support 18/24 bit up to 1024 x 768 Support dual display (independent display)

## Mechanical & Environmental

<b>Power Consumption</b>	EmCORE-i6429VL/PM1600 5V/4.45 (Max.)
<b>Operating Temp.</b>	0 ~ 60°C (32 ~ 140°F)
<b>Operating Humidity</b>	0 ~ 90% (non-condensing)
<b>Dimension (L x W)</b>	185 x 122 mm (7.3" x 4.8")

## Ordering Information

<b>EmCORE-i6429VL/CM600</b>	Half-size PCI Intel Celeron M 600MHz SBC with CRT/LCD, Audio and LAN
<b>EmCORE-i6429VL (Optional)</b>	Half-size PCI Intel Pentium M/Celeron M socket 478 SBC with CRT/LCD, Audio and LAN
<b>PCI Backplanes</b>	Page 11-12
<b>Half-size Wallmount Chassis for PCI Bus Series</b>	Page 11-8