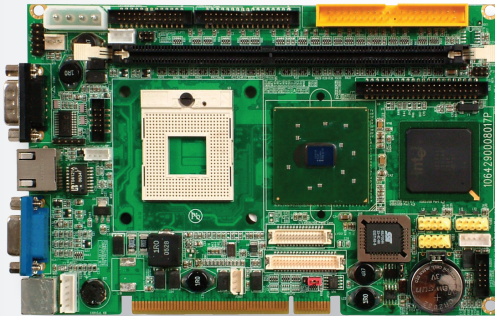


EmCORE-i6429

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

CPU	Socket 478 for Intel Pentium M/Celeron M processor up to 1.8GHz FSB400MHz Onboard Intel Celeron 600MHz processor (FSB600MHz)
Cache	2nd level 2MByte
Memory	1 x 184-pin DIMM up to 1GB DDR SDRAM
Chipset	Intel 852GM + Intel ICH4
BIOS	Phoenix-Award PnP Flash BIOS
ATA/IDE	IDE 1: Ultra DMA 100, support 2 IDE drives IDE 2: Ultra DMA 33, support 2 IDE drives
Flash Disk	1 x CompactFlash Type II Socket
Watchdog Timer	255-level Reset

I/O

Serial Port	1 x RS-232 port (COM1) in bracket 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 Port	6 x USB 2.0 compliant
KB/MS	1 x PS2 K/B and Mouse

Ethernet

Chipset	Intel 82562ET 10/100 base-T Ethernet
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Audio

Codec/Interface	Realtek ALC655 AC97 Codec, support Mic-in/Line-in/Line-out
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Display

Graphics Chipset	Intel 852GM Extreme Graphics2 Engine, up to 64MByte UMA Video RAM
Graphics Interface	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

Power Consumption	EmCORE-i6429VL/PM1600 5V/4.45 (Max.)
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-i6429VL/CM600	Half-size PCI Intel Celeron M 600MHz SBC with CRT/LCD, Audio and LAN
EmCORE-i6429VL (Optional)	Half-size PCI Intel Pentium M/Celeron M socket 478 SBC with CRT/LCD, Audio and LAN
PCI Backplanes	Page 11-12
Half-size Wallmount Chassis for PCI Bus Series	Page 11-8