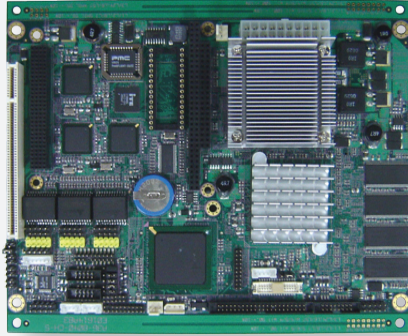


EmCORE-i8524

5.25" Intel ULV Celeron M 600MHz Miniboard with CRT/ LCD, LAN x 3, Audio, PC/104 & PC/104 Plus and DOC Socket



◀ **New!!**

Features

- Intel Ultra Low Voltage Celeron M 600MHz CPU Onboard (FSB400MHz)
- **Onboard 256MB DDR SDRAM**
- Support 18/36 bit LVDS and CRT
- Support Dual Display (Independent Display)
- **Support 3 x 10/100 Base-T Ethernet**
- 6 x High Speed USB 2.0 Ports
- Support CompactFlash Type II Socket up to 4 GB
- Support PCI, DOC, PC/104, PC/104 Plus
- **6 x RS-232 Serial Ports (Optional)**

System

CPU	Intel Ultra Low Voltage Celeron M 600MHz CPU Onboard (FSB400MHz)
Memory	Onboard 256MB DDR SDRAM
Chipset	Intel 852GM + Intel ICH4
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, 1 x DOC Socket
Watchdog Timer	255-level Reset

I/O

Serial port	COM1: RS-232, COM2: RS-232/422/485 Selectable COM3, 4, 5, 6: RS-232 (by Daughterboard FCDB-1293) (optional)
Parallel port	SPP/EPP/ECP mode
Floppy	Support 1 Floppy disk drives share with parallel port
KB/MS	1 x PS2 K/B and Mouse
USB	6 x USB 2.0 compliant
Expansion Bus	1 x 32 bit/33MHz PCI slot 1 x 16 bit ISA-based PC/104 interface 1 x 32 bit PCI-based PC/104 Plus interface

Ethernet

Chipset	3 x Intel 82551QM 10/100 base-T Ethernet controllers
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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 Graphics 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 Dual mode independent display

Mechanical & Environmental

Power Consumption	EmCORE-i8524VL3/CM600: 5V/2.85A (Max.)
Operating Temp.	0 ~ 60°C (32 ~ 140°F)
Operating Humidity	5 ~ 95% (non-condensing)
Dimension (L x W)	203 x 146 mm (8" x 5.75")

Ordering Information

EmCORE-i8524VL3/CM600	5.25" Intel ULV Celeron M 600MHz Miniboard with CRT/ LCD, triple LAN, Audio, PC/104 & PC/104 Plus and DOC	
Cable Kit	CBK-12-8524-00	Page 5-2
FCDB-1293	4 x COM, Digital I/O	Page 5-5