



EmCORE-i8524

Intel ULV Celeron M 600MHz 5.25" 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
- Dual Display (Independent Display)
- **3 x 10/100 Base-T Ethernet**
- 6 x USB 2.0 Ports
- CompactFlash Type II Socket
- Support PCI, DOC, PC/104, PC/104 Plus
- **6 x Serial Ports (Optional)**

System

CPU	Intel Ultra Low Voltage Celeron M 600MHz CPU Onboard (FSB400MHz)
Memory	Onboard 256MB DDR SDRAM
Chipset	Intel 852GM + ICH4
BIOS	Phoenix-Award PnP Flash BIOS
ATA/IDE	1 x Ultra ATA 33, support 2 IDE devices
Flash Disk	1 x CompactFlash Type II Socket, 1 x DiskOnChip Socket
Watchdog Timer	255-level reset
I/O	
Serial Port	1 x RS-232 port 1 x RS-232/422/485 selectable port
Parallel Port	SPP/EPP/ECP mode
Floppy	1 x Floppy disk drive shared with parallel port
KB/MS	One 1 x 6-pin wafer connector for Keyboard and Mouse
USB	6 x USB 2.0 ports
Expansion Bus	1 x PCI slot PC/104 interface PC/104 Plus interface

Ethernet

Chipset	3 x Intel 82551QM 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 Graphics Engine up to 64MB 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: 2.85A/5V (Max.)
Operating Temp.	0 ~ 60°C (32 ~ 140°F)
Operating Humidity	5 ~ 95% (non-condensing)
Dimensions (L x W)	203 x 146 mm (8" x 5.75")

Ordering Information

EmCORE-i8524VL3/CM600	Intel ULV Celeron M 600MHz 5.25" miniboard with CRT/ LCD, triple LAN, Audio, PC/104 & PC/104 Plus and DOC	
CBK-12-8524-00	Cable kit	Page 6-3
FCDB-1293	4 x COM, digital I/O	Page 6-6

Computer on Module

Embedded Miniboard

Slot Computing

Industrial Motherboard

Wide Temperature

Cable Kit / Cooling Kit / SSC Daughter Board / Power Converter

Rugged Tablet PC

HMI / HMC

Box PC

Mobile DVR

Network Communication Appliance

Industrial Chassis / Backplane Power supply