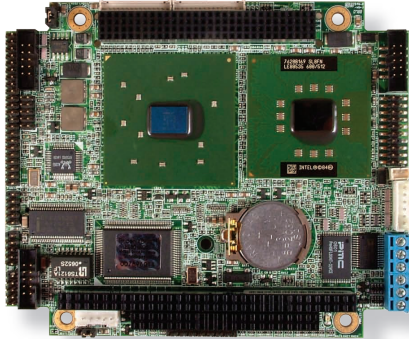




Em104P-i8523

Intel® Celeron® M/Pentium® M PC/104-Plus CPU Module



Features

- Soldered Onboard Intel® Celeron® M 600MHz/Pentium® M 1.4GHz Processor
- Dual Channels 18-bit LVDS, and Analog RGB
- Multi-expansion (4 x USB, 2 x Serial Ports, 1 x PATA, PC/104-Plus)
- **Extended Operating Temp.:-20 ~ 70°C**

System

CPU	Intel® Celeron® M 600MHz/Pentium® M 1.4GHz CPU with 400MHz FSB
Memory	1 x 200-pin DDR SO-DIMM Socket supporting 200/266MHz SDRAM up to 1GB
Chipset	Intel® 852GM + ICH4
BIOS	Phoenix-Award PnP Flash BIOS
Storage	1 x Ultra ATA, support 2 IDE devices 1 x Floppy disk drive shared with parallel port
Watchdog Timer	1~255 levels reset

I/O

I/O Chip	Winbond W83627HG
Serial Port	2 x COM Ports (2 x RS-232)
Parallel Port	SPP/EPP/ECP mode
USB Port	4 x USB 2.0 ports
Expansion Bus	PC/104-Plus interface

Ethernet

Chipset	1 x Intel® 82562ET 10/100Base-T Ethernet controller
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Audio

CODEC/Interface	Realtek ALC655 6 Channel AC97 CODEC, Mic-in/Line-in/Line-out
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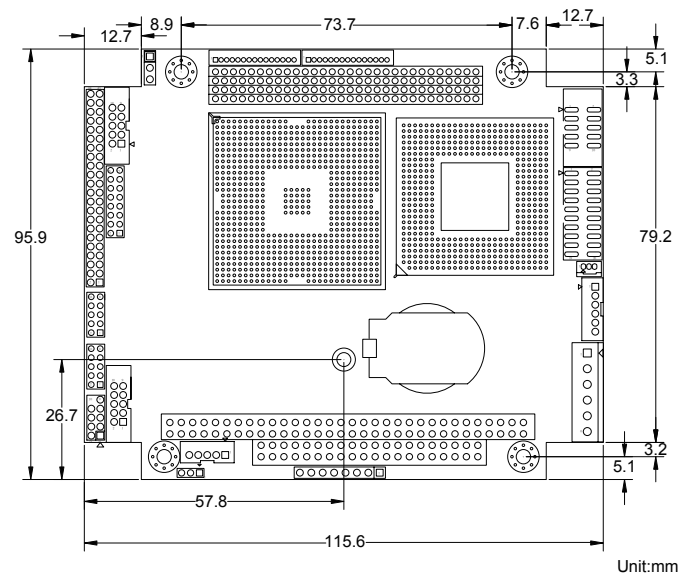
Display

Graphics Chipset	Integrated Intel® 852GM Extreme Graphics2 Engine up to 64MB UMA Video RAM
Graphics Interface	Analog RGB support up to 2048 x 1536 LCD: Dual Channels 18-bit LVDS up to 1280 x 1200 Support dual independent displays

Mechanical & Environmental

Power Consumption	3.22A/5V, 0.36A/12V with Intel® Pentium® M 1.0GHz
Operating Temp.	-20 ~ 70°C (-4 ~ 158°F)
Operating Humidity	0 ~ 90% (non-condensing)
Dimension (L x W)	116 x 96 mm (4.6" x 3.8")

Dimensions



Ordering Information

Em104P-i8523VL/CM600	Intel® Celeron® M 600MHz PC/104-Plus CPU module
Em104P-i8523VL/PM1400	Intel® Pentium® M 1.4GHz PC/104-Plus CPU module
CBK-13-8523-00	Cable kit
	1 x Audio cable
	1 x IDE cable
	2 x USB cables
	2 x COM Port cables
	1 x LPT cable
	1 x VGA cable
	1 x Keyboard & Mouse cable
	1 x Ethernet cable
	1 x LPT to FDD cable
	1 x Power cable (4 wires)
	1 x Power cable (2 wires)

All specifications are subject to change without notice.

Computer on Module

Compact Board

Slot Board

Industrial Motherboard

Wide Temperature

SBC Daughterboard Power Converter Mounting Kit

Rugged Tablet PC

Medical PC

Industrial Panel PC/Monitor

Box PC

Industrial Chassis /Backplane/ Power supply