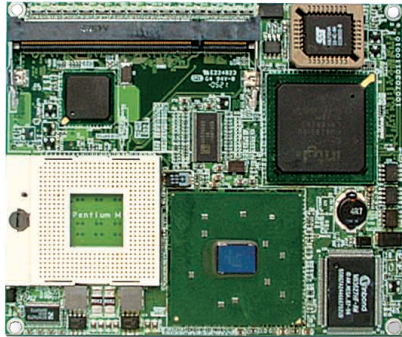




EmETX-i702

Intel® Pentium® M ETX® CPU Module



ETX

Features

- Support Socket 479 Intel® Mobile Processors
- Dual Channels 18-bit LVDS, and Analog RGB
- Dual Independent Displays
- Multi-expansion (4 x USB, 2 x PATA, 2 x Serial Ports, 4 x PCI Masters, ISA Bus)
- **Extended Operating Temp.: -20 ~ 70°C**

System

CPU	Intel® Pentium® M/Celeron® M 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	2 x Ultra ATA, support 4 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 (1 x RS-232, 1 x RS-232/422/485 selectable via PBE-1000)
Parallel Port	SPP/EPP/ECP mode
USB Port	4 x USB 2.0 ports
KB/MS	PS/2 interface for Keyboard and Mouse (via PBE-1000)
Expansion Bus	PCI (4 x PCI masters) and ISA bus

Ethernet

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

Audio

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

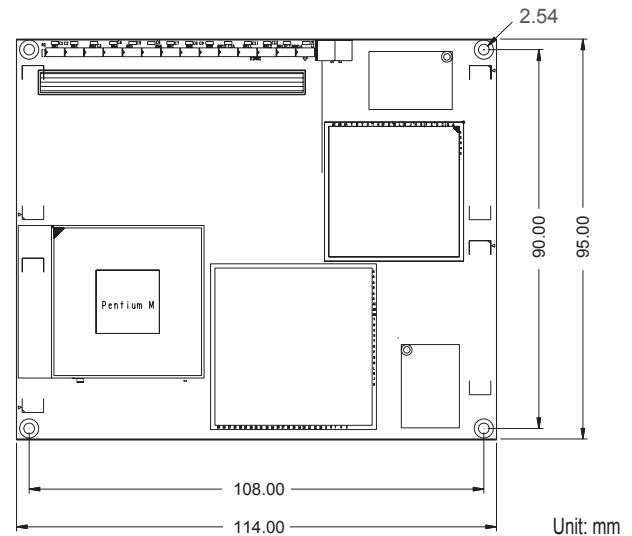
Display

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 UXGA up to 1600 x 1200 Support dual independent displays

Mechanical & Environmental

Power Consumption	3.53A/5V with Intel® Celeron® M 600MHz 5.5A/5V with Intel® Pentium® M 1.4GHz
Operating Temp.	-20 ~ 70°C (-4 ~ 158°F)
Operating Humidity	0 ~ 90% (non-condensing)
Dimension (L x W)	114 x 95 mm (4.5" x 3.7")

Dimensions



Ordering Information

EmETX-i702	Socket 479 Intel® Pentium® M/Celeron® M ETX® CPU module
HS-0702-C3	Heatsink with fan (116 x 98 x 42 mm)
HS-0702-F2	Heat spreader (117 x 95 x 8 mm)
PBE-1000 R2.1	ETX® evaluation board in ATX form factor Page 1-20
CBK-05-1000-00	Cable kit for PBE-1000 R2.1 1 x FDD cable 3 x COM port cables 1 x USB cable 2 x IDE cables 1 x TV-out cable

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