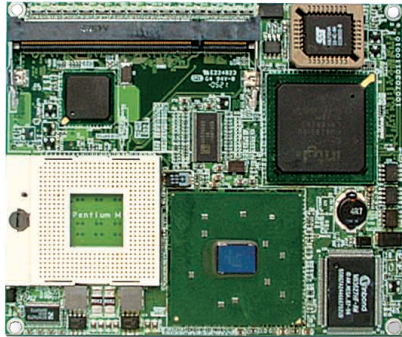




# EmETX-i702

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

<b>CPU</b>	Intel® Pentium® M/Celeron® M CPU with 400MHz FSB
<b>Memory</b>	1 x 200-pin DDR SO-DIMM Socket supporting 200/266MHz SDRAM up to 1GB
<b>Chipset</b>	Intel® 852GM + ICH4
<b>BIOS</b>	Phoenix-Award PnP Flash BIOS
<b>Storage</b>	2 x Ultra ATA, support 4 IDE devices
	1 x Floppy disk drive shared with parallel port
<b>Watchdog Timer</b>	1~255 levels reset

### I/O

<b>I/O Chip</b>	Winbond W83627HG
<b>Serial Port</b>	2 x COM ports (1 x RS-232, 1 x RS-232/422/485 selectable via PBE-1000)
<b>Parallel Port</b>	SPP/EPP/ECP mode
<b>USB Port</b>	4 x USB 2.0 ports
<b>KB/MS</b>	PS/2 interface for Keyboard and Mouse (via PBE-1000)
<b>Expansion Bus</b>	PCI (4 x PCI masters) and ISA bus

### Ethernet

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

### Audio

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

### Display

<b>Graphics Chipset</b>	Integrated Intel® 852GM Extreme Graphics2 Engine up to 64MB UMA Video RAM
<b>Graphics Interface</b>	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

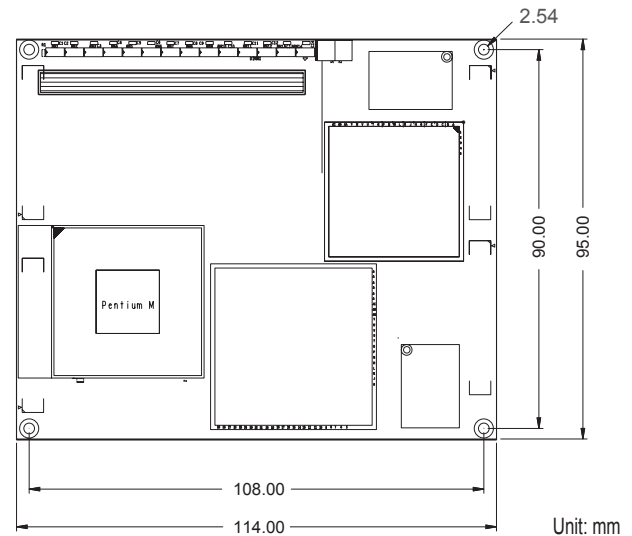
<b>Power Consumption</b>	3.53A/5V with Intel® Celeron® M 600MHz
	5.5A/5V with Intel® Pentium® M 1.4GHz

<b>Operating Temp.</b>	-20 ~ 70°C (-4 ~ 158°F)
------------------------	-------------------------

<b>Operating Humidity</b>	0 ~ 90% (non-condensing)
---------------------------	--------------------------

<b>Dimension (L x W)</b>	114 x 95 mm (4.5" x 3.7")
--------------------------	---------------------------

### Dimensions



### Ordering Information

<b>EmETX-i702</b>	Socket 479 Intel® Pentium® M/Celeron® M ETX® CPU module
<b>HS-0702-C3</b>	Heatsink with fan (116 x 98 x 42 mm)
<b>HS-0702-F2</b>	Heat spreader (117 x 95 x 8 mm)
<b>PBE-1000 R2.1</b>	ETX® evaluation board in ATX form factor Page 1-20
<b>CBK-05-1000-00</b>	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