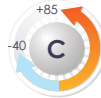
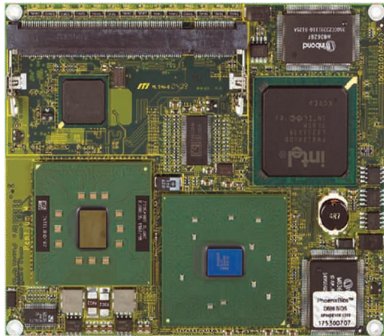




ETX-802E

Wide Range Operating Temperature Intel® Celeron® M/Pentium® M ETX® CPU Module



ETX

Features

- Soldered Onboard Intel® Celeron® M 600MHz/Pentium® M 1.1 GHz Processor
- 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)
- Wide Range Operating Temp.: -40 ~ 85°C

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

System

CPU	Intel® Celeron® M 600MHz/Pentium® M 1.1GHz 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
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
Floppy	Floppy disk drive share with parallel port
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
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Audio

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

ETX-802E/CM600	Intel® Celeron® M 600MHz ETX® CPU module
ETX-802E/PM1100	Intel® Pentium® M 1.1GHz ETX® CPU module
PBE-1000 R2.1	ETX® evaluation board in ATX form factor
HS-0702-C3	Heatsink with fan (116 x 98 x 42 mm)
HS-0702-F2	Heat spreader (117 x 95 x 8 mm)
CBK-05-1000-00	Cable kit
	1 x FDD cable
	3 x COM port cables
	1 x USB cable
	2 x IDE cables
	1 x TV-out cable

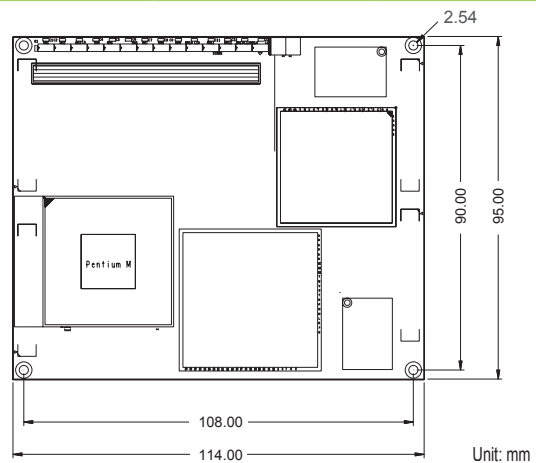
Display

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 display (independent display)

Mechanical & Environmental

Power Consumption	3.53A/5V with Intel® Celeron® M 600MHz
	5.5A/5V with Intel® Pentium® M 1.4GHz
Operating Temp.	-40 ~ 85°C (-40 ~ 185°F)
Operating Humidity	0 ~ 90% (non-condensing)
Dimension (L x W)	114 x 95 mm (4.5" x 3.7")

Dimensions



Ordering Information

PBE-1100-R R1.3	PBE-1100 R1.3 ETX® carrier board w/ Realtek 8100CL Ethernet controller, CF shared with IDE2	Page 1-21
PBE-1100-I R1.3	PBE-1100 R1.3 ETX® carrier board w/ Intel® 82551QM Ethernet controller, CF shared with IDE2	Page 1-21
CBK-10-1100-00	Cable kit for PBE-1100 R1.3	
	1 x Audio cable	2 x Ethernet cables
	2 x USB cables	1 x VGA cable
	2 x COM port cables	1 x KB & MS cable
	1 x LPT to FDD cable	1 x Power cable (4 wires)
	1 x IDE cable	1 x Power cable (2 wires)
	1 x LPT cable	

All specifications are subject to change without notice.