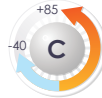
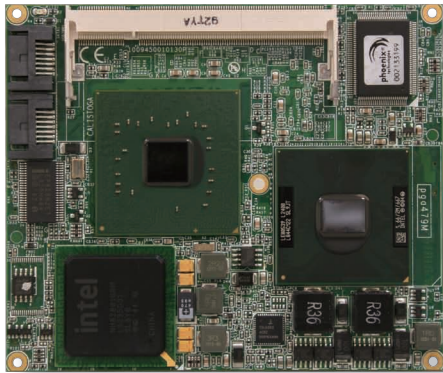




ETX-832E

Wide Range Operating Temperature Intel® Core™ Duo L2400 ETX® CPU Module



ETX

Features

- Soldered onboard Intel® Core™ Duo L2400 Processor
- Dual Channels 24-bit LVDS, and Analog RGB
- Dual Independent Displays
- Multi-expansion (2 x SATA on CPU Module, 4 x USB, 1 x PATA, 2 x Serial Ports, 4 x PCI Masters and ISA Bus)
- Wide Range Operating Temp.: -40 ~ 85°C

System

CPU	Intel® Core™ Duo L2400 1.66GHz CPU with 667MHz FSB
Memory	1 x 200-pin DDR2 SO-DIMM Socket supporting 400/533/667MHz SDRAM up to 2GB
Chipset	Intel® 945GME + ICH7M
BIOS	Phoenix-Award PnP Flash BIOS
Storage	1 x Ultra ATA, support 2 IDE devices 2 x Serial ATA ports with 150MB/s HDD transfer rate

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® 82562ET 10/100Base-T Ethernet controller

Audio

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

Display

Graphics Chipset	Integrated Intel® Graphics Media Accelerator 950
Graphics Interface	Analog RGB support up to 2048 x 1536 LCD: Dual Channels 24-bit LVDS Support dual independent displays

Mechanical & Environmental

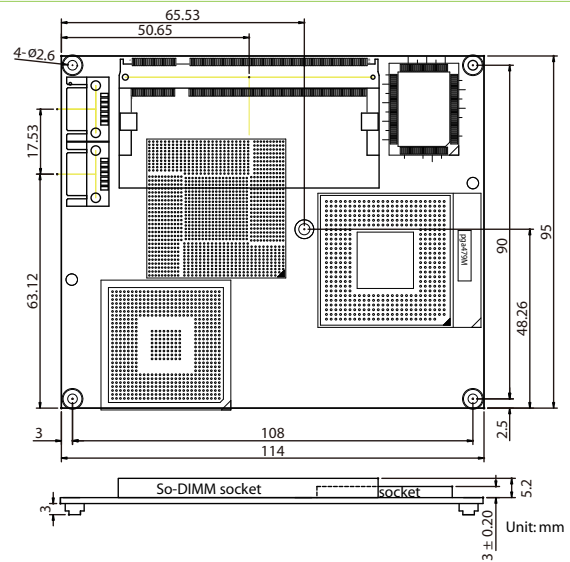
Power Consumption TBD

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

ETX-832E/L2400	Intel® Core™ Duo L2400 ETX® CPU module
HS-0832-F1	Heat spreader (114 x 95 x 20.8 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