

ET800

Intel® Pentium® M ETX Module with VGA/LAN/Audio



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FEATURES

- Intel® LV Pentium® M or Intel® Celeron® M ULV processor on board, up to 1.6GHz (Micro-FCBGA)
- 400MHz CPU Operating Frequency
- Intel® 82855GME Chipset with integrated VGA supporting VGA CRT and LVDS interface
- One SODIMM socket supports up to 1GB
- Integrated 10/100 Ethernet
- Supports 4 USB 2.0 ports
- PCI to ISA Bridge, ISA High Drive

ET800 SPECIFICATIONS

CPU Type

Intel® LV Pentium® M processor;
Intel® ULV Celeron® M processor

CPU Voltage

0.700V~1.708V

System Speed

Up to 1.6GHz

CPU External Clock

400MHz

Green /APM

APM1.2

Chipset

Intel® 82855GME chipset
GMCH: 82855GME, 732-pin Micro-FCBGA
ICH4: 82801DB 421-pin BGA

BIOS

Phoenix BIOS; Supports ACPI function

Cache

1M Level 2 cache

Memory type

One DDR SODIMM socket, supports
DDR200/266/333MHz, max. 1GB, supports ECC
function

VGA

Intel® 82855GME integrated VGA
Supports CRT & LVDS interface (Max. 24bit)

LAN

ICH4 integrated LAN controller (10/100Mb) + Phy
82562ET

IDE

Built-in ICH4, IDE1, 2 (Ultra DMA 33/66/100)

Audio

ICH4 built-in audio controller + AC97 Codec ALC650

LPC I/O

Winbond 83627HF: IrDax1 Parallel x1, COM1 (RS-232),
COM2 (RS-232/ RS422/RS485), FDC 2.88MB (3 Mode
Support), Hardware monitoring (3 thermal inputs, 4 voltage
monitor inputs, VID0-5, 2 fan headers)

RTC/CMOS

ICH4-M built-in

Battery

Built-in lithium battery

PCI to ISA Bridge

Winbond 83628, 83629

USB

4 ports, USB 2.0

Watchdog Timer

256 levels

ETX Interface

4 connectors

For PCI-Bus, USB, Sound, VGA: CRT & LVDS, COM ports,
Parallel port, FDD, IDEs, keyboard / mouse, LAN, ISA-Bus

Dimensions

95mm x 114mm (3.74" x 4.5")

Environmental Factors:

Operating Temperature

0°C~60°C (32°F~140°F)

Storage Temperature

-20°C~80°C (-68°F~176°F)

Relative Humidity

10%~90% (non-condensing)

Ordering Information:

ET800-1100 Intel® LV Pentium® M 1.1GHz ETX CPU module
w/ 855GME, VGA and 10/100 LAN

ET800-C6K Intel® ULV Celeron® M 600MHz (512K cache)
ETX CPU module w/ 852GM, VGA and 10/100 LAN

ICOOLO02 - Heatsink/cooler for ET800 (Socket478)