

# ETX-IM333

Intel® Pentium® M Processor ETX® Module with High End Graphics



## Features

- LV Intel® Pentium® M processor or ULV Intel® Celeron® M processor FSB 400 MHz
- Maximum 1 GB DDR-333 SDRAM
- Intel Extreme Graphics 2, dual-channel LVDS
- IDE, Ethernet, 2 USB 2.0, IrDA, KB/MS, AC'97
- Serial Console, EEPROM CMOS backup, USB boot/legacy, PXE™ support

## Ordering Information

ETX-IM333-S	Intel® Pentium® M ETX® Module with microFCPGA socket for CPU
ETX-IM333-C0600	ETX® Module with ULV Intel® Celeron® M at 600 MHz
ETX-IM333-C1000	ETX® Module with LV Intel® Celeron® M 373 at 1.0 GHz
ETX-IM333-P1400	ETX® Module with LV Intel® Pentium® M 738 at 1.4 GHz
HTS-IM333-B	Heatspreader for ETX-IM333 or ETX-IM266 with 2.5 mm thread corner standoffs for soldered ULV and LV processors (microFCBGA type)
THSF-IM333-S	Heatsink with fan for ETX-IM333 or ETX-IM266 with socket CPU and threaded standoffs with mounting screws
ETX-Proto	ETX® Prototype / Evaluation board
ETX-DevKit-IM333-S	Development Kit with ETX-IM333-S-LF (order CPU separately!), ETX-Proto, Linux® Embedded Toolkit, BSP CDROM, 512 MB DDR SODIMM and Thermal Solution THSF-IM333-S and USB peripherals

## Specifications

### Core

CPU	Intel® Pentium® M Banias/Dothan Intel® Celeron® M
Chipset	Intel® 855GME and Intel® 82801DB I/O Control Hub 4
Memory	1 SODIMM socket for up to 1 GB DDR333
L2 Cache	512 KB Celeron® M, 1 MB Pentium® M Banias, 2 MB Pentium® M Dothan
BIOS	Phoenix® Award PnP 8 Mb Flash with console redirection and CMOS EEPROM backup
Hardware Monitor	Supply voltages, CPU, and system temperature
Watchdog	Software programmable 1-255 sec, generates system reset
Expansion	32-bit PCI™ rev. 2.2 and ISA

### Multi I/O

HDD	Two EIDE ports
Serial	Two 16550 compatible ports (COM1/COM2) and IrDA
Parallel	Single port, shared with FDD
USB	Four USB 2.0 ports

### Audio

Type	Integrated AC'97 Audio with codec
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### Video

Type	Intel® Extreme Graphics 2 (Intel® 855GME chipset) Supports CRT and 110 MHz dual-channel LVDS
CRT	Up to 1600 x 1200 resolution at 32-bit color
Flat Panel	Up to 1280 x 1024 resolution at 24-bit color

### Ethernet

Chipset	Integrated in ICH4
Type	IEEE 802.3u 100BASE-T Fast Ethernet with PXE™ boot ROM support

### Mechanical and Environmental

Form Factor	ETX® ver 2.7
Dimensions	95 x 114 mm (3.7" x 4.5")
Operating Temp.	0°C to 60°C (32 to 140°F) optional extended
Storage Temp.	-20°C to 80°C
Power Consumption	18 W at 5 V with LV Pentium® M 1.1 GHz and 512 MB DDR, typical
Compliance	CE, FCC

- Advanced TCA Products
- 6U cPCI SBC
- 6U cPCI Platforms
- 3U cPCI SBC
- 3U cPCI Platforms
- SBC & IMB
- Industrial Chassis
- Computer On Modules
- Network Security Appliances
- Panel PC
- IPC Accessories