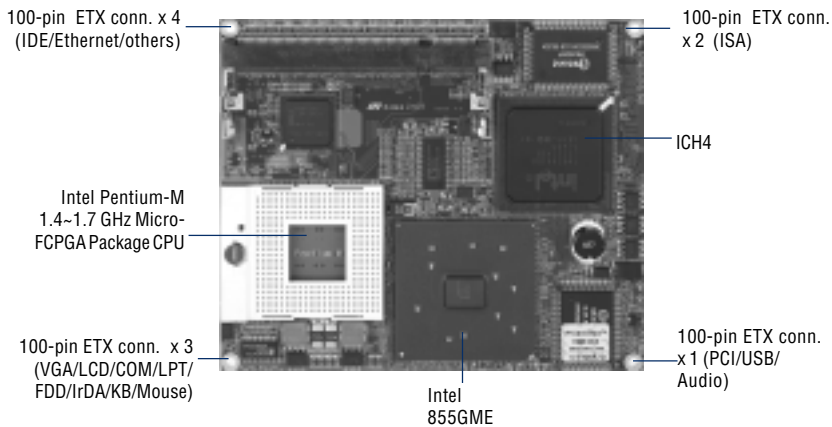


EmETX-i702

Pentium M ETX Socket 478 CPU Module with VGA/LCD, Audio & LAN



Features

- ★ **Socket 478 Pin CPU:** Intel Pentium M 1.4 ~ 1.7GHz or celeron M 1.3G
- ★ **DDR SODIMM x 1, up to 1GB**
- ★ **Support 48 bit Dual Channel LVDS TFT Panel**
- ★ **Support Motion Compensation for MPEG2**
- ★ **10/100 Mbps Ethernet Intel82562EZ**
- ★ **Supports Unique Board ID# for software based security and IP protection**

Specifications

System

- **Form Factor:** ETX form factor (ETX module)
- **CPU:** Socket 478 supports Intel Pentium M Micro-FCPGA Package 1.4 ~ 1.7GHz - 1MB L2 cache or celeron M 1.3 G 512K L2 cache
- **BIOS:** Award BIOS
- **Chipset:** Intel 855GME, 400MHz FSB, graphics integrated
- **Super I/O:** Winbond W83627HF
- **Display Controller:**
 - Intel Extreme Graphics 2 Controller, LVDS Flatpanel and CRT output
 - Up to 64MB of dynamic Video RAM
 - Support 2D/3D graphics
 - Support dual display
 - Improved hardware motion compensation for MPEG2
- **LCD Support:**
 - Max. CRT QXGA 2048 x 1536
 - Max. LCD UXGA 1600 x 1200
 - 48 bits Dual Channel LVDS
- **Memory:** DDR SODIMM Support DDR 266/333, 1GB Max.
- **LAN Chipset:**
 - Chipset: Intel 82562EZ
 - Interface: IEEE 802.3U compatible 10/100 Base-T interface includes software driver and boot ROM function
- **Audio Function:**
 - AC'97 controller v.2.2 compliant interface
 - Audio interface: Microphone in; Line in; Speaker out
- **Watchdog Timer:** 0 ~ 255sec/min Level (W83627HF)

Multiple I/O

- **IDE Interface (on the carrier board):** Intel 82801DBM (ICH4) built-in IDE interface support 2 IDE ports and up to four devices, Ultra DMA 100
- **Serial (on the carrier board):** 2 x RS-232C port (COM1/2)
- **Parallel (on the carrier board):** 1 x parallel port supports SPP/EPP/

ECP mode share with floppy

- **USB:** 4 USB v2.0 ports
- **K/B & Mouse (on the carrier board):** One keyboard & mouse port support
- **IrDA (on the carrier board):** 1 x IrDA port support
- **Real Time Clock:** RTC
- **Flash EPROM:** 4MB

Environment & Power Consumption

- **Power Requirement:** +5V
- **Operating Temperature:** 0 ~ 60°C
- **Storage Temperature:** -30 ~ 85°C
- **Operative Humidity:** 5% ~ 95% (non condensing)

Mechanical

- **Dimension (L x W):** 114 x 95mm (4.5" x 3.7")
- **Weight:** 85grams (0.19 lb)

Ordering Information

- **Standard**
EmETX-i702
Socket 478 Pentium M ETX Module
- **Related Products**
PBE-1000 Page 1-7
ATX form factor evaluation board for ETX modules
- **Heat sink**
Heat sink for EmETX-i702
2631160984202
- **DDR SO-DiMM**
256MB-PC333 5160256062000
512MB-PC266 5160512052000