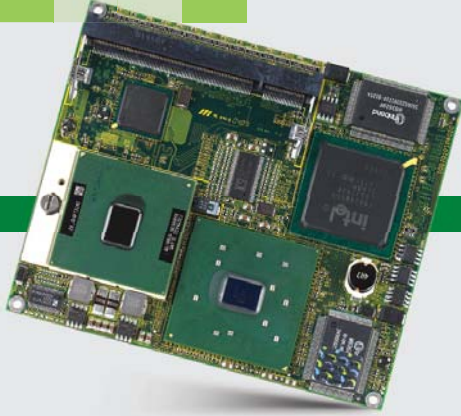


EmETX-i702

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



Features

- Support Intel Pentium M Dothan Socket 478 CPU 1.5~2.0Ghz, 2MB L2 Cache
- Support DDR 200/266/333 up to 1GB DDR SDRAM
- Support 18 bit dual channel LVDS TFT panel
- Support motion compensation for MPEG2
- Intel 82562EZ 10/100 base-T Ethernet
- Support dual display (Independent)



System

CPU	Intel Pentium M Dothan Socket 478 CPU up to 2.0Ghz FSB400Mhz
Cache	2nd level 2MByte max.
Memory	1 x 200Pin SO-DIMM up to 1GB DDR SDRAM
Chipset	Intel 852GM + Intel ICH4
BIOS	Phoenix - AWARD PnP Flash BIOS
ATA / IDE	2 x Ultra DMA 100, support 4 IDE drives
Watchdog Timer	255-level reset

I/O

Serial Port	2 x TTL (16550 compatible), IrDA support
Parallel Port	SPP/EPP/ECP mode shared with Floppy
Floppy	Floppy shared with parallel port can be implemented on the carrier board (2nd I/O) can be used as external USB Floppy
IrDA	1 x SIR IrDA 1.1 compliant
USB Port	4 x USB 2.0 compliant
KB/MS	1 x PS2 K/B and Mouse

Ethernet

Chipset	Intel 82562EZ 10/100base-T Built-in Boot ROM in Flash BIOS, support Boot from LAN
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Audio

Codec / Interface	Realtek ALC202A AC97 Codec, support Mic-in / Line-in / Line-out
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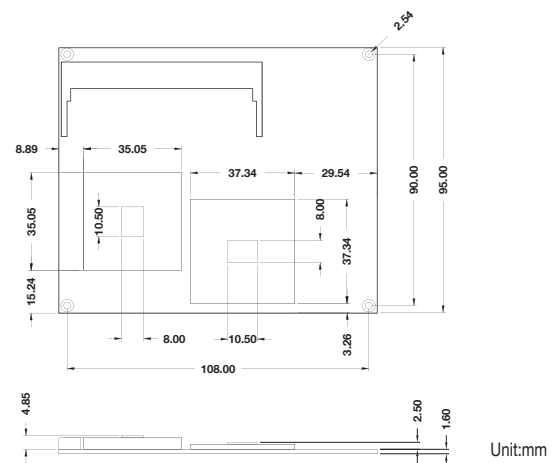
Display

Graphics Chipset	Intel 852GM Extreme Graphics2 Engine, up to 64MByte UMA Video RAM
Graphics Interface	CRT support QXGA up to 2048 x 1536 LCD support 18/36 bit LVDS UXGA up to 1600 x 1200 Dual Mode support independent dual display

Mechanical & Environmental

Power Consumption	EmETX-i702/PM1600 5V / 6.3A (Max.)
Operating Temp.	0 ~ 60°C (32~140°F)
Operating Humidity	5% ~ 95% (non condensing)
Dimension (L x W)	114 x 95mm (4.5" x 3.7")

Dimensions



Ordering Information

EmETX-i702	Intel Pentium M Dothan Socket 478 CPU ETX module	
PBE-1000	ATX form factor evaluation board	Page 1-9
Heat sink	HS-0702-W1	Page 5-4
	HS-0702-C1	Page 5-5
Memory Module	DDR SDRAM 128MB SO-DIMM 200Pin	
	DDR SDRAM 256MB SO-DIMM 200Pin	
	DDR SDRAM 512MB SO-DIMM 200Pin	
	DDR SDRAM 1GB SO-DIMM 200Pin	