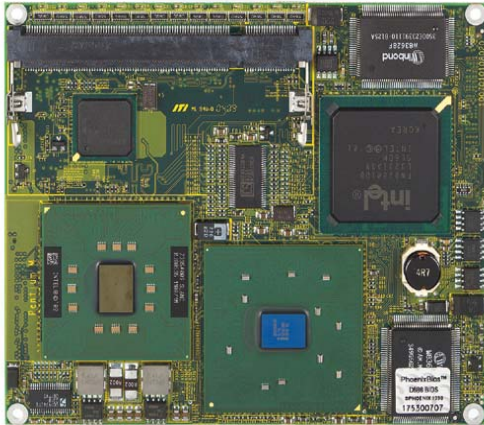


EmETX-i701

Intel Low Voltage Pentium M Dothan ETX CPU Module with VGA/LCD, Audio & LAN



Features

- ★ Intel Low Voltage Pentium M Dothan 1.4Ghz CPU FSB400Mhz onboard (10W)
- ★ Intel Ultra Low Voltage Celeron M 600Mhz CPU FSB400Mhz onboard (7W)
- ★ Intel Ultra Low Voltage Celeron M 1Ghz CPU FSB400Mhz onboard (5W)
- ★ Support DDR 200/266/333 up to 1GB DDR SDRAM
- ★ Support 18-48 bit LVDS TFT panel
- ★ Support motion compensation for MPEG2
- ★ Intel 82562EZ, 10/100 base-T Ethernet
- ★ Support dual display (independent)

Computer on Module

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System

CPU	Intel Low Voltage Pentium M 1.1Ghz CPU FSB400Mhz Intel Low Voltage Pentium M Dothan 1.4Ghz CPU FSB400Mhz Intel Ultra Low Voltage Celeron M 600Mhz CPU FSB400Mhz Intel Ultra Low Voltage Celeron M 1Ghz CPU FSB400Mhz
Cache	2nd level 2MByte
Memory	1 x 200Pin SO-DIMM up to 1GB DDR SDRAM
Chipset	Intel 852GM + Intel ICH4 / Intel 855GME + 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

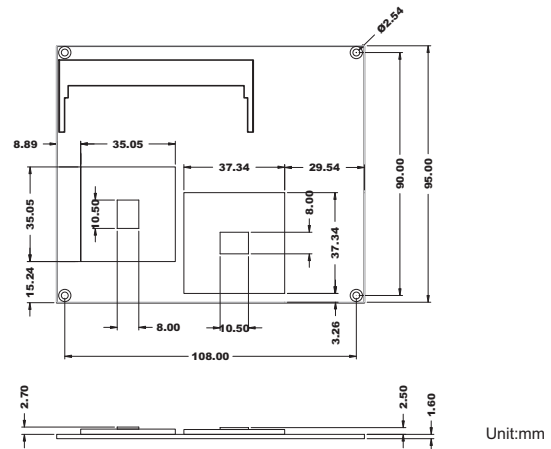
Codec / Interface	Realtek ALC202A AC97 Codec, support Mic-in / Line-in / Line-out
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Display

Graphics Chipset	Intel 852GM / 855GME Extreme Graphics2 Engine, up to 64MByte UMA Video RAM
Graphics Interface	CRT support QXGA up to 2048 x 1536 LCD support 18/24/48bit LVDS UXGA up to 1600 x 1200 Dual mode support independent dual display

Mechanical & Environmental

Power Consumption	EmETX-i701/PM1100 5V / 3.43A (Max.) EmETX-i701/CM600 5V / 3.2A (Max.)
Operating Temperature	0°C ~ 60°C
Storage Temperature	-30°C ~ 85°C
Operating Humidity	5% ~ 95% (non condensing)
Dimension (L x W)	114 x 95mm (4.5" x 3.7")
Weight	0.85 kg (0.19 lb)



Ordering Information

EmETX-i701 / PM1100	Intel Pentium M 1.1Ghz ETX module	
EmETX-i701 / PM1400	Intel Pentium M Dothan 1.4Ghz ETX module 2MB L2 cache	
EmETX-i701 / CM600	Intel ULV Celeron M 600Mhz ETX module	
EmETX-i701 / CM1000	Intel ULV Celeron M 1Ghz ETX module	
PBE-1000	ATX form factor evaluation board	Page 1-8
Heat sink	HS-0701-W1	Page 5-4
	HS-0701-W2	Page 5-4
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	