

# EmETXP-i703

Intel Pentium M ETX CPU Module with VGA/ LCD / TV-out / DVI, Audio & LAN

Computer  
on Module



## Features

- Support CRT, LCD, DVI, TV
- Support dual display (independent)
- Support 6 USB 2.0 ports
- Support 6 PCI



## System

<b>CPU</b>	Intel Low Voltage Pentium M Dothan 1.4GHz CPU FSB400MHz Intel Ultra Low Voltage Celeron M 1000Mhz CPU FSB400MHz Intel Ultra Low Voltage Celeron M 600MHz WO/L2 CPU FSB400MHz
<b>Cache</b>	Up to 2M (depends on CPU)
<b>Memory</b>	One SO-DIMM 200Pin to support DDR 200/266 SDRAM Up to 1GB
<b>Chipset</b>	Intel 852GM + Intel ICH4
<b>BIOS</b>	Phoenix-Award PnP Flash BIOS
<b>ATA/IDE</b>	2 x Ultra DMA 100, Support 4 IDE devices
<b>Watchdog Timer</b>	255 Level Reset

## I/O

<b>Serial Port</b>	2 x TTL (16550 Compatible), IrDA Support
<b>Parallel Port</b>	SPP/ EPP/ ECP mode Share with Floppy
<b>Floppy</b>	Floppy shared with parallel port
<b>IrDA</b>	1 x SIR IrDA 1.1 compliant
<b>USB Port</b>	6 x USB 2.0 Port compliant
<b>KB/MS</b>	1 x PS2 K/B and Mouse

## Ethernet

<b>Ethernet</b>	Intel 82562EZ 10/100 Base-T
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## Audio

<b>Codec/Interface</b>	AC97 Codec V2.1 supports MIC-In/ Line-In/ Line-out
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## Display

<b>Graphics Chipset</b>	Intel 852GM Extreme Graphics2 Engine, up to 64MByte UMA Video RAM
<b>Graphics Interface</b>	CRT support QXGA up to 2048x1536 LCD support 18bit LVDS dual channel up to 1600 x 1200 Dual mode support independent dual display TV out

## Mechanical & Environmental

<b>Power Consumption</b>	EmETXP-i703/PM1100 5V/3.43A(Max.)
<b>Operating Temp.</b>	0 ~ 60°C (32~140°F)
<b>Operating Humidity</b>	5% ~ 95% (non condensing)
<b>Dimension (L x W):</b>	114 x 95 mm (4.5" x 3.7")

## Ordering Information

<b>EmETXP-i703 / PM1400</b>	Intel Pentium M 1.4GHz ETX module 2M K2 cache	
<b>EmETXP-i703 / CM1000</b>	Intel Celeron M 1.0GHz ETX module	
<b>EmETXP-i703 / CM600</b>	Intel Celeron M 600MHz ETX module	
<b>PBE-2000</b>	ATX form factor evaluation board	Page 1-10
<b>Heat sink</b>	HS-0701-W1	Page 5-4
	HS-0701-W2	Page 5-5
	HS-0701-C1	Page 5-5
<b>Memory Module</b>	DDR SDRAM 128MB SO-DIMM 200Pin	
	DDR SDRAM 256MB SO-DIMM 200Pin	
	DDR SDRAM 512MB SO-DIMM 200Pin	
	DDR SDRAM 1GB SO-DIMM 200Pin	