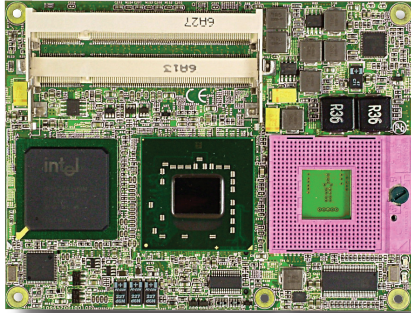




# EmETXe-i9652

COM Express CPU Module Support Intel Core™ 2 Duo CPU with CRT/LCD, Gb LAN and PCI Express Lanes



**COM Express**  
**New!!**

## Features

- **COM Express Type II Core Module**
- Support Intel Core™ 2 Duo Processor with FSB800MHz
- Support DDRII up to 667MHz SO-DIMM up to 4GB
- Support Dual Channel 24 bit LVDS
- Realtek 8111B PCIe 10/100/1000 Base-T Ethernet
- 3 x SATAII, 8 x USB 2.0 and 2 x Serial Ports
- Support 5 PCIe x1 Lane, 1 x PCIe x16 Lanes, 4 x PCI Slot
- **Operating Temp.: -20 ~ 70°C**

## System

<b>CPU</b>	Intel Core™2 Duo processor, up to 800MHz FSB
<b>Cache</b>	2nd level 4 MByte (Max.)
<b>Memory</b>	2 x 200-pin SO-DIMM socket up to 4GB DDRII SDRAM
<b>Chipset</b>	Intel GME965 + ICH8M
<b>BIOS</b>	AMI PnP Flash BIOS
<b>ATA/IDE</b>	3 x Serial ATAII (300MB/s)
	1 x ATA 100/66/33, support 2 IDE devices

**Watchdog Timer** 255-level Reset

## I/O

<b>Serial Port</b>	2 x RS-232 ports (with PBE-1700)
<b>Parallel Port</b>	SPP/EPP/ECP mode (with PBE-1700)
<b>Floppy</b>	Support 1 x Floppy disk drive (with PBE-1700)
<b>USB Port</b>	8 x USB 2.0 compliant
<b>KB/MS</b>	1 x PS2 K/B and Mouse (with PBE-1700)
<b>Expansion Bus</b>	<b>5 x PCIe x1 lane</b>
	<b>1 x PCIe x16 lanes</b>
	<b>4 x PCI slot</b>

## Ethernet

**Chipset** 1 x Realtek RTL8111B PCIe 10/100/1000 Base-T Ethernet support Boot ROM

## Display

<b>Graphics Chipset</b>	Integrated Intel Graphics Media Accelerator (GMA) X3100 graphics
<b>Graphics Interface</b>	CRT support up to 2048 x 1536
	TV-out support NTSC/PAL up to HDTV 1080P
	LCD support dual channel 24 bit LVDS

## Mechanical & Environmental

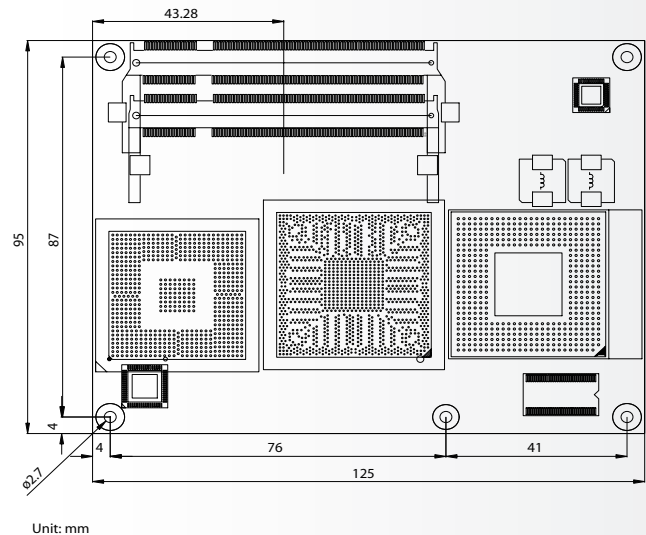
**Power Consumption** 5V/0.19A, 12V/2.99A (Max.) (T7500 2.2GHz)

**Operating Temp.** -20 ~ 70°C (-4 ~ 158°F)

**Operating Humidity** 0 ~ 90% (non-condensing)

**Dimension (L x W)** 125 x 95 mm (4.9" x 3.7")

## Dimensions



## Ordering Information

<b>EmETXe-i9652</b>	Intel Socket 478 Core™ 2 Duo COM Express CPU module with CRT/LCD, Gb LAN and PCI Express lanes
<b>EmETXe-i9652S</b>	Intel Socket 478 Core™ 2 Duo COM Express CPU Module with single 200-pin SO-DIMM socket, up to 2GB DDRII SDRAM, CRT/LCD, Gb LAN and PCI Express lanes
<b>PBE-1700</b>	COM Express evaluation board in ATX form factor
<b>Heatsink</b>	HS-9652-C1