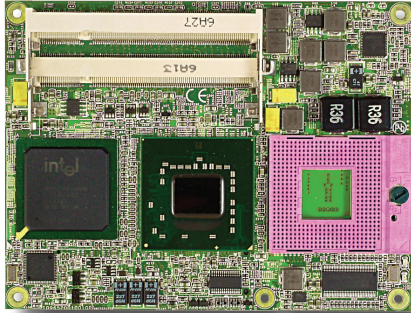




EmETXe-i9652

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

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

Watchdog Timer 255-level Reset

I/O

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

Ethernet

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

Display

Graphics Chipset	Integrated Intel Graphics Media Accelerator (GMA) X3100 graphics
Graphics Interface	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

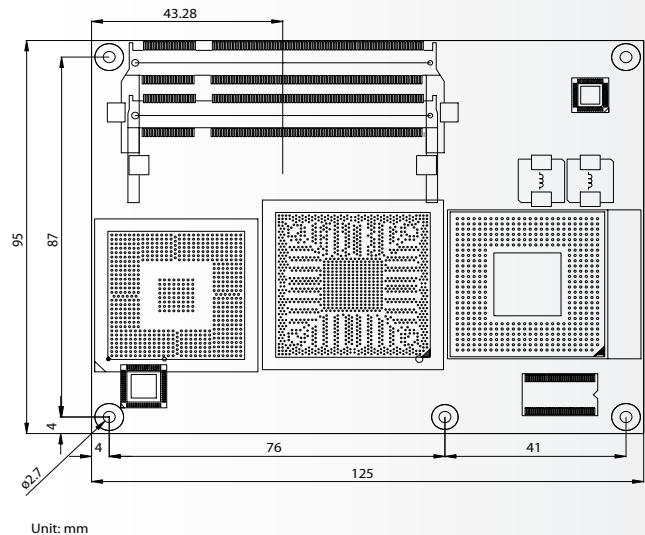
Power Consumption 5V/0.19A, 12V/2.99A (Max.) (T7500 2.2GHz)

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

EmETXe-i9652	Intel Socket 478 Core™ 2 Duo COM Express CPU module with CRT/LCD, Gb LAN and PCI Express lanes
EmETXe-i9652S	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
PBE-1700	COM Express evaluation board in ATX form factor
Heatsink	HS-9652-C1