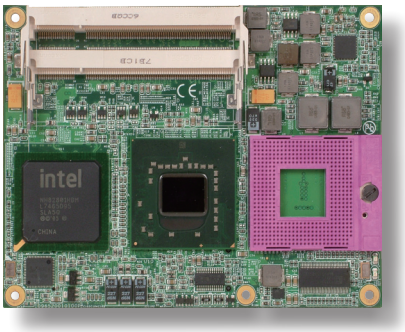
EmETXe-i9652

COM Express

Intel® Core™ 2 Duo Processor COM Express® Basic Type 2 CPU Module



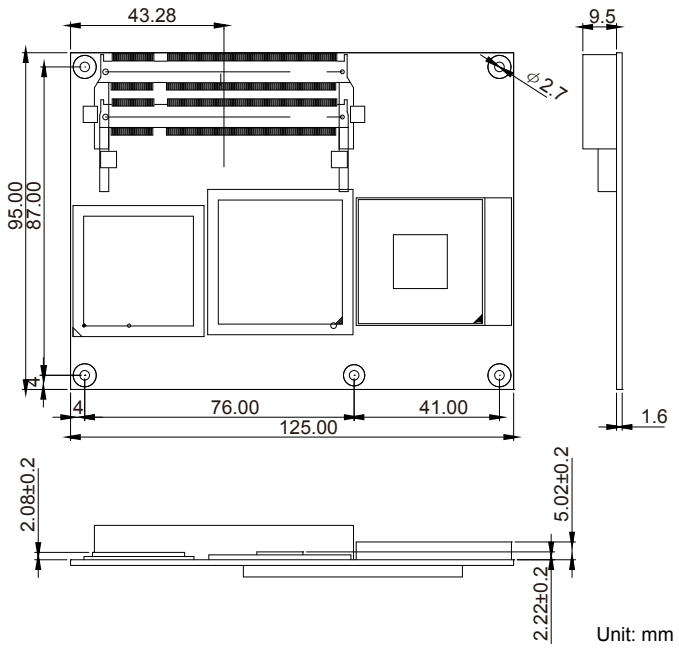
Features

- Intel® Socket P Mobile Processor supported
- Integrated Gigabit Ethernet
- Memory Capacity up to 4GB supported
- Dual Channels 24-bit LVDS and Analog RGB
- **Extended Operating Temp.: -20 ~ 70°C**

System	
Processor	Intel® Core™ 2 Duo / Celeron M Processor (Socket P)
Chipset	Intel® GME965 + ICH8M
Memory	2 x DDR2 SO-DIMM sockets, supporting up to 4GB 667MHz SDRAM
BIOS	AMI BIOS
Watchdog Timer	1~255 levels reset
I/O	
USB 2.0	8 x USB 2.0 ports
Expansion	5 x PCIex1, LPC, 4 x PCI
Storage	1 x Ultra ATA, supporting 2 IDE devices
	3 x Serial ATA ports with 300MB/s HDD transfer rate
Ethernet Chipset	1 x Realtek RTL8111 PCIe GbE controller
Digital I/O	8-bit Programmable
Audio	HD link
Display	
Graphic Chipset	Integrated Intel® GMA X3100
Graphic Interface	Analog RGB/DVI: Analog RGB, with resolution up to 2048x1536
	LCD: Dual channels 24-bit LVDS
	TV-out: NTSC/PAL up to HDTV 1080P
OS Support	
Windows 2000 Windows 7 32-bit/64-bit	

Mechanical & Environmental	
Power input	DC 12V, 5VSB
Power Consumption	2.99A@12V with T7500 (Typical, with PBE-1700-W)
Operating Temp.	-20 ~ 70ºC (-4 ~ 158ºF)
Operating Humidity	10 ~ 95% @ 70ºC (non-condensing)
Dimension (L x W)	125 x 95 mm (4.9" x 3.7")

Dimensions

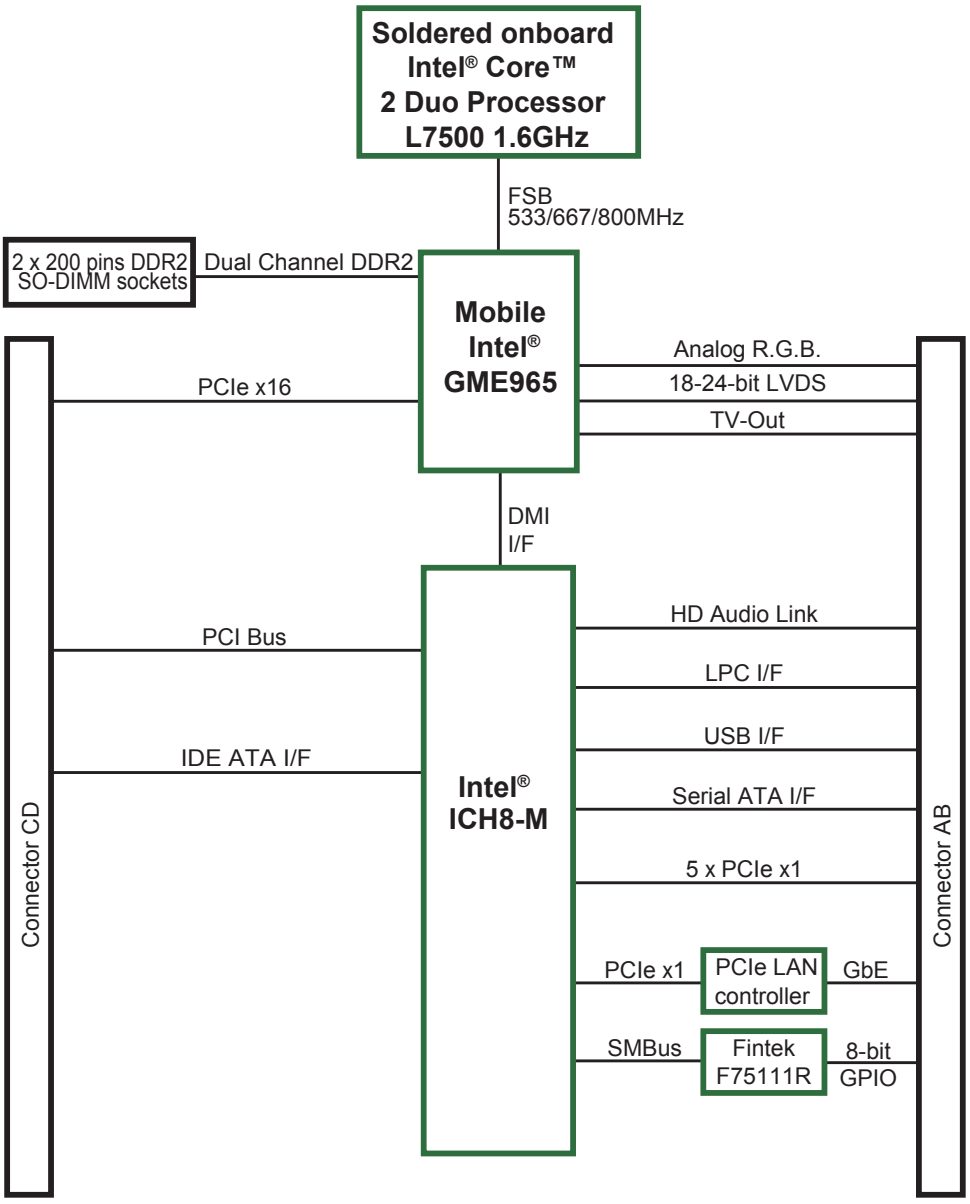


Unit: mm

Recommended CPU List:
T7500 2.2GHz Core™ 2 Duo Processor
550 2.0GHz Celeron® M Processor

Computer on Module

Block Diagram



Ordering Information	
EmETXe-i9652	Socket P for Intel® Core™ 2 Duo/Celeron® M GME965/ ICH8M COM Express® Basic Type 2 CPU module
Optional Accessories	
HS-9455-C3	Heat sink with FAN for socket type CPU module 125x96x39mm
PBE-1700-W R1.3	COM Express® Type 2 evaluation carrier board with Super IO W83627 in ATX form factor
CBK-04-1700-00	Cable kit 1 x SATA cable 1 x Serial port cable 1 x FDD cable 1 x IDE cable