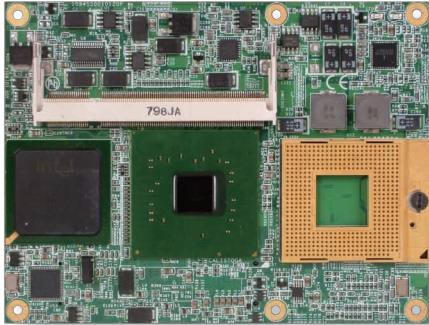




EmETXe-i9455

Intel® Core™ 2 Duo COM Express CPU Module



Features

- **COM Express Type II Core Module**
- Support Intel® Socket M Mobile Processors
- Dual Channels 24-bit LVDS, and Analog RGB
- Multi-expansion (2 x SATA, 1 x PATA, 8 x USB, 3 x PCIe x1 Lane, 1 x PCIe x16 Lanes, 4 x PCI Masters)
- **Extended Operating Temp.: -20 ~ 70°C**

System

CPU	Intel® Core™ 2 Duo/Core™ Duo/Celeron® M CPU up to 667MHz FSB
Memory	1 x 200-pin DDR2 SO-DIMM Socket supporting 400/533/667MHz SDRAM up to 2GB
Chipset	Intel® 945GME + ICH7M
BIOS	Phoenix-Award PnP Flash BIOS
Storage	1 x Ultra ATA, support 2 IDE devices 2 x Serial ATA ports with 150MB/s HDD transfer rate 1 x Floppy disk drive (via PBE-1700)

I/O

Serial Port	2 x COM ports (2 x RS-232 via PBE-1700)
Parallel Port	SPP/EPP/ECP mode (via PBE-1700)
USB Port	8 x USB 2.0 ports
KB/MS	PS/2 interface for Keyboard and Mouse (via PBE-1700)
Digital I/O	8-bit programmable Digital Input/Output
Expansion Bus	3 x PCIe x1 lane 1 x PCIe x16 lanes 4 x PCI masters

Ethernet

Chipset	1 x Realtek RTL8111B PCIe Gigabit Ethernet controller
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Display

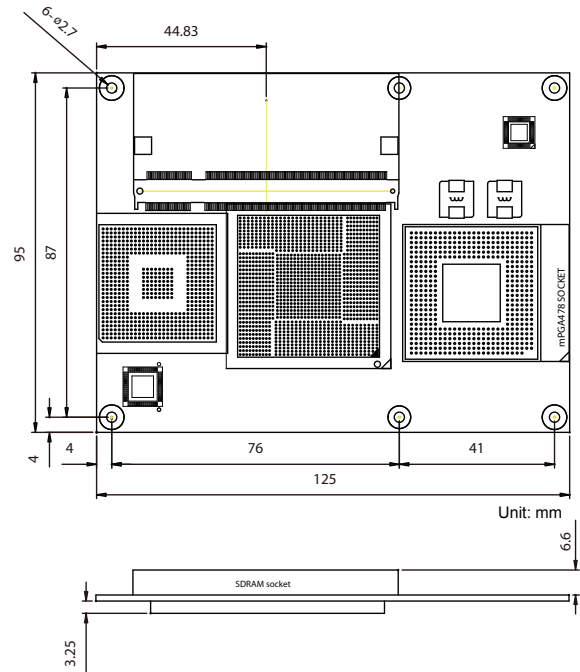
Graphics Chipset	Integrated Intel® Graphics Media Accelerator 950
Graphics Interface	Analog RGB support up to 2048 x 1536 LCD: Dual Channels 24-bit LVDS

Mechanical & Environmental

Power Consumption	0.53A/5V, 2.66A/12V with Intel® Core™ Duo T2400 1.83GHz
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")

All specifications are subject to change without notice.

Dimensions



Ordering Information

EmETXe-i9455	Socket M Intel® Core™ 2 Duo/Core™ Duo/Celeron® M COM Express CPU module
HS-9455-C2	Heatsink w/ fan for socket type CPU module (125 x 96 x 23 mm)
HS-9455-C3	Heatsink w/ fan for socket type CPU module (125 x 96 x 39 mm)
PBE-1700	COM Express evaluation board in ATX form factor
CBK-04-1700-00	Cable kit 1 x SATA cable 1 x COM port cable 1 x FDD cable 1 x IDE cable

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Computer on Module

Compact Board

Slot Board

Industrial Motherboard

Wide Temperature

SBC Daughterboard Power Connector Mounting Kit

Rugged Tablet PC

Medical PC

Industrial Panel PC/Monitor

Box PC

Industrial Chassis /Backplane/ Power supply