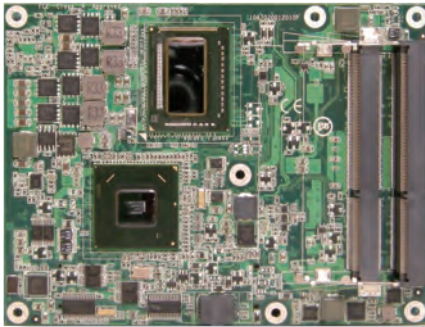


EmETXe-i67M2

Intel® Sandy Bridge i7/ i3/ Celeron® COM Express CPU Module



Features

- **COM Express Type 6 Core Module**
- Soldered Onboard Intel® Sandy Bridge Core-i7/i3 or Celeron® Processor
- Support Gigabit Ethernet Port
- Dual Channels 24-bit LVDS, Analog RGB, and 3 x DDI Ports
- Support Dual Independent Displays
- Multi-expansion (4 x SATA, 8 x USB, 7 x PCIe x1 Lanes, 1 x PCIe x16 Lanes, LPC Bus, and SPI Bus Interface)
- RAID 0, 1, 5, 10 Supported
- **Extended Operating Temp.: -20 ~ 70°C**

System

CPU	Soldered onboard Intel® Sandy Bridge i7-2610UE 1.5GHz, i3-2340UE 1.3GHz, Celeron® 847E 1.1GHz, Celeron® 827E 1.4GHz processor
Memory	2 x DDR3 SO-DIMM Sockets, supporting 1066/1333MHz SDRAM up to 8GB
Chipset	Intel® PCH QM67
BIOS	AMI PnP Flash BIOS
Storage	4 x Serial ATA ports: 2 ports with 600MB/s HDD transfer rate 2 ports with 300MB/s HDD transfer rate
Watchdog Timer	1~255 levels reset
I/O	
Serial Port	2 x COM ports (2 x RS-232 via PBE-1702)
Parallel Port	SPP/EPP/ECP mode selectable (via PBE-1702)
USB Port	8 x USB 2.0 ports
KB/MS	PS/2 interface for Keyboard and Mouse (via PBE-1702)
Digital I/O	8-bit programmable Digital Input/Output 1 x PCIe x16 lanes
Expansion Bus	7 x PCIe x1 lanes SPI, and LPC (Low Pin Count) interface

Ethernet

Chipset	1 x Intel® 82574L PCIe Gigabit Ethernet PHY
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Audio

CODEC/Interface	HD Audio link
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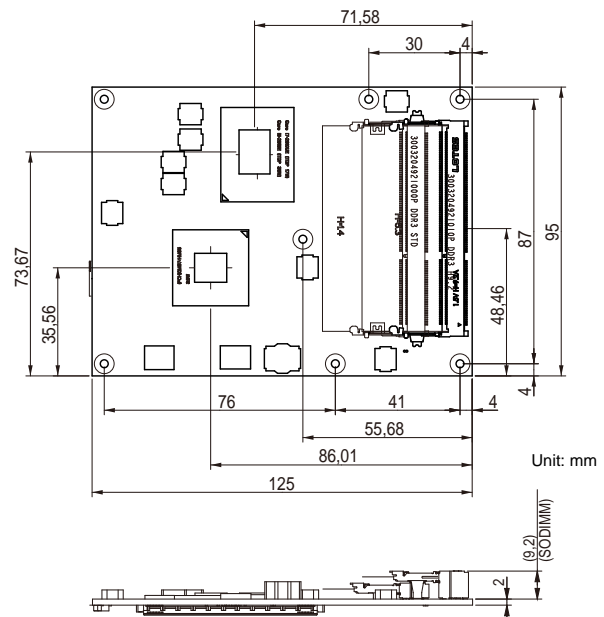
Display

Graphics Chipset	Integrated Intel® HD Graphics 3000
Graphics Interface	Analog RGB supports up to 2048 x 1536 @60Hz LCD: Dual Channels 24-bit LVDS, up to 1920 x 1600 Support 3 x DDI ports Support dual independent displays

Mechanical & Environmental

Power Requirement	+12V, 5VSB
Power Consumption	Max. 2.12A/12V with i7-2610UE
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-i67M2-2610UE	Intel® Sandy Bridge i7-2610UE COM express CPU module
EmETXe-i67M2-2340UE	Intel® Sandy Bridge i3-2340UE COM express CPU module
EmETXe-i67M2-847E	Intel® Sandy Bridge Celeron® 847E COM express CPU module
EmETXe-i67M2-827E	Intel® Sandy Bridge Celeron® 827E COM express CPU module
HS-0870-F1	Heat spreader
HS-0870-C1	Wave type heatsink with fan
PBE-1702	COM Express type 6 evaluation carrier board (ATX form factor)
CBK-04-1702-00	Cable kit 1 x USB cable 2 x COM port cables 1 x SATA cable