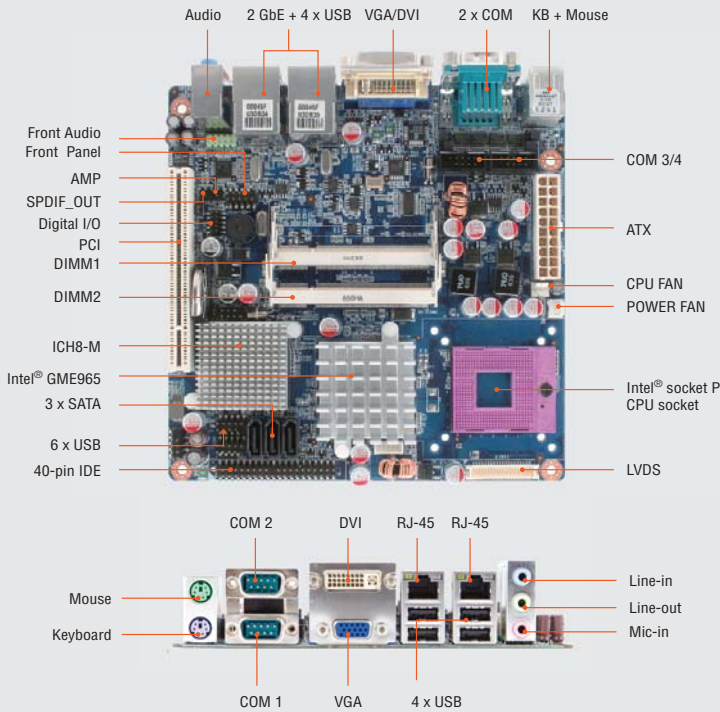




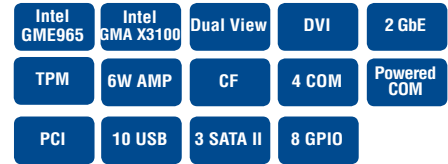
EMX-965GME

Intel® Core™ 2 Duo/ Core™ Duo/ Core™ 2 Solo/
Core™ Solo Mini ITX Motherboard with Intel®
GME965 + ICH8-M Chipset



Features

- Supports Intel® Core™ 2 Duo/ Core™ Duo/ Core™ 2 Solo/ Core™ Solo CPU
- Intel® GME965/ ICH8-M Chipset
- Two SODIMMs Up to 4GB 2-CH DDR2 533/ 667 SDRAM
- Intel® Graphics Media Accelerator X3100
- Dual View, 2-CH LVDS, DVI
- Realtek ALC888 Supports 5.1+2-CH Audio Streams, 6W AMP
- Dual Realtek RTL8111B Gigabit Ethernet
- 1 PCI 2.2, 1 CF
- 4 COM (5V/ 12V), 10 USB, 3 SATA II, 8-bit GPIO
- TPM 9635 TCG 1.2



Specifications

System

• CPU	Supports Intel® Socket P Core™ 2 Duo/ Core™ Duo/ Core™ 2 Solo/ Core™ Solo CPU with 65nm Process Technology
• FSB	533/ 800MHz
• BIOS	AMI 2MB SPI BIOS
• System Chipset	Intel® 82GME965/ 82801HBM (ICH8-M)
• I/O Chip	Winbond W83627DHG-A
• System Memory	Two 200-pin SODIMM Sockets Support Up to 4GB Dual Channel DDR2 533/ 667 SDRAM
• SSD	One CompactFlash Type I/II Socket
• Watchdog Timer	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
• H/W Status Monitor	Monitoring CPU Temperature, Voltage and Fan Status with Auto Throttling Control
• Expansion	One PCI slot (PCI Rev. 2.2 compliant) Supports 3 PCI Master
• TPM	TPM (Infineon SLB 9635 TCG 1.2)
• S3	Yes
• SmartFan Control	Yes

I/O

• MIO	1x EIDE, 3 x SATA II, 1 x K/B, 1 x Mouse, 4 x RS-232 (COM1~4 with Power Output)
• USB	10 x USB 2.0
• DIO	8-bit General Purpose I/O for DI and DO

Audio

• Audio Code	Realtek ALC888 High-definition Audio Codec Supports 5.1+2-CH Independent Audio Streams
• Audio Interface	Mic-in, Line-in, (CD Audio-in), Line-out
• Audio Amplifier	TPA3005D2 6W (Per Front Channel) Stereo Amplifier

Display

• Chipset	Intel® GME965 Integrated Graphics Media Accelerator X3100
• Display Memory	Intel® DVMT 4.0 Supports Up to 384MB Shared Video Memory
• Resolution	2048 x 1536 @ 32bpp (60Hz)
• Dual Display	CRT + LVDS, CRT + DVI-D
• LVDS	Dual-channel 18/24-bit LVDS
• DVI	Chrontel CH7307C DVI Transmitter Up to 165M pixels/second

Ethernet

• LAN 1	Realtek RTL8111B PCIe Gigabit Ethernet
• LAN 2	Realtek RTL8111B PCIe Gigabit Ethernet

Mechanical & Environmental

• Power Type	ATX
• Operating Temperature	0 ~ 60°C (32 ~ 140°F)
• Operating Humidity	0 ~ 90% Relative Humidity, Non-condensing
• Size (L x W)	6.69" x 6.6" (170mm x 170mm)
• Weight	0.88lbs (0.4kg)

Ordering Information

• EMX-965GME-A1R

Intel® Core™ 2 Duo Mini ITX Motherboard with Intel® GME965 + ICH8-M Chipset and VGA, LVDS/DVI, Audio, Dual GbE, 4 COM, 10 USB, 3 SATA II, 8-bit GPIO, 1 PCI, 6W AMP & TPM w/ SATA Cable, IDE Cable, Bracket, CD Driver