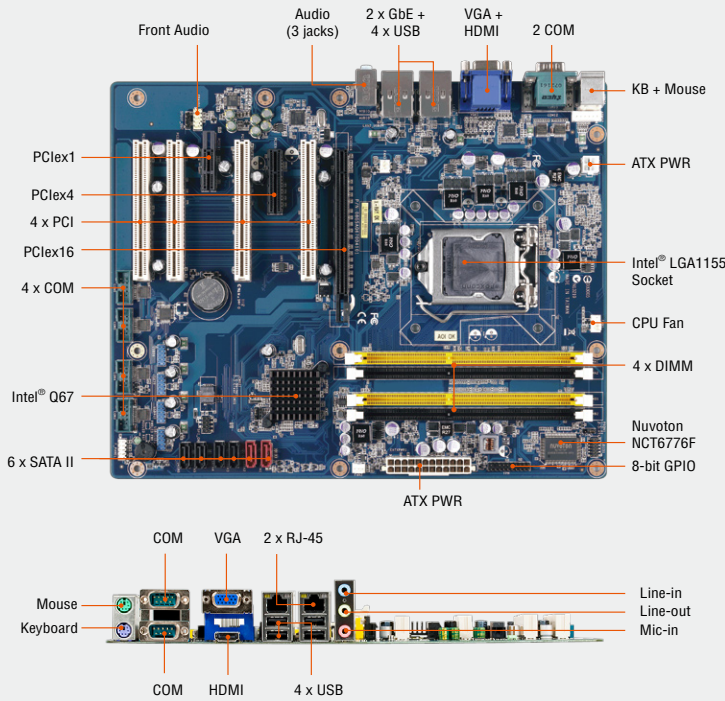




# EAX-Q67

## Intel® Sandy Bridge ATX Motherboard with Intel® Q67 Chipset



### Features

- Intel® Sandy Bridge Desktop LGA1155 (Socket H2) CPU
- Intel® Q67 Chipset
- Four 240-pin DIMM Sockets Support Up to 16GB Dual Channel DDR3 1066/1333/1600 SDRAM, Non-ECC
- Integrated GFX
- 5.1-CH HD Audio, Dual Gigabit Ethernet
- 1 PCIe16, 1 PCIe4, 1 PCIe1, 4 PCI
- 2 SATA 3.0 and 4 SATA II
- 6 COM, 12 USB, 8-bit GPIO
- TPM 1.2 (Optional)
- RAID 0, 1, 5 and 10

Intel® Q67	5.1-CH HD Audio	2 GbE	1 PCIe16	1 PCIe4
1 PCIe1	4 PCI	2 SATA 3.0	4 SATA II	6 COM
12 USB	8-bit GPIO	RAID		

- 1 Embedded System
- 2 Oseven Module
- 3 ETX/XTX COM Express
- 4 3.5" SBC
- 5 EPIC
- 6 5.25" SBC
- 7 ATX
- 8 Micro ATX
- 9 Mini ITX
- 10 Nano ITX
- 11 ACP
- 12 Rack Mount System
- 13 Mini ITX System
- 14 Peripherals
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## Specifications

### System

• CPU	Intel® Sandy Bridge Desktop LGA1155 (Socket H2)
• FSB	1333/ 1066/ 800MHz
• BIOS	AMI 64Mbit SPI BIOS
• System Chipset	Intel® Q67
• I/O Chip	Nuvoton NCT6776F
• System Memory	Four 240-pin DIMM Sockets Support Up to 16GB Dual Channel DDR3 1066/1333/1600 SDRAM, Non-ECC
• Watchdog Timer	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
• H/W Status Monitor	Monitoring Temperatures, Voltages and Fan Status with Auto Throttling Control
• Expansion	1 x PCIe16, 1 x PCIe4, 1 x PCIe1, 4 x PCI
• S3/ S4	Yes
• TPM	TPM1.2 (Optional)
• RAID	RAID 0,1,5 and 10
• Wake up Mode	LAN Mode (PME/ RPL)
• SmartFan Control	Yes ,Support 3 Modes (Silent/ Optimal/ Performance)

### I/O

• MIO	6 x RS-232, 2 x SATA 3.0, 4 x SATA II, 1 x PS/2 Keyboard, 1 x PS/2 Mouse
• USB	12 USB 2.0 (4 Rear, 8 Internal)
• DIO	8-bit General Purpose I/O for 4-bit DI and 4-bit DO

### Audio

• Audio Codec	Realtek ALC892 Supports 5.1-CH HD Audio
• Audio Interface	Mic-in, Line-in, Line-out

### Display

• Chipset	Integrated GFX
• Display Memory	Shared System Memory
• Max. Resolution	Onboard VGA: SXGA 2048 x 1536 @ 60Hz Onboard HDMI 1.3: 1920 x 1080
• Dual Display	VGA + HDMI
• VGA	Through ADD2 VGA Card
• HDMI	Through ADD2 HDMI Card

### Ethernet

• LAN 1	Intel® 82579LM Gigabit Ethernet
• LAN 2	Intel® 82583V Gigabit Ethernet

### Mechanical & Environmental

• Power Type	AT/ ATX
• Power Requirement	+12V (6.86A), +5V (2.33A), +3.3V (1.67A), 5VSB (0.95A)
• Operating Temperature	0 ~ 60°C (32 ~ 140°F)
• Storage Temperature	-40 ~ 75°C (-40 ~ 167°F)
• Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
• Size (L x W)	12" x 9.6" (304.8mm x 243.84mm)
• Weight	1.32lbs (0.6Kg)

## Ordering Information

- EAX-Q67-A1R  
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