



Features

- Intel® 2nd Generation Core™ i7/i5/i3 Desktop LGA1155 (Socket H2) CPU
- Intel® Q67 Chipset
- Four 240-pin DIMM Sockets Support Up to 32GB Dual-channel DDR3 1066/1333MHz SDRAM
- 1 VGA, 1 HDMI
- 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
- iAMT 7.0



Specifications

System

CPU	Intel® 2 nd Generation Core™ i7/i5/i3 Desktop LGA1155 (Socket H2)
FSB	1333/1066/800MHz
BIOS	AMI 64Mbit SPI BIOS
System Chipset	Intel® Q67 Chipset
I/O Chip	Nuvoton NCT6776F
System Memory	Four 240-pin DIMM Sockets Support Up to 32GB Dual-channel DDR3 1066/1333MHz SDRAM
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

Display

Chipset	Intel® Q67 Integrated
Max. Resolution	Onboard VGA: SXGA 2048 x 1536 @ 60Hz Onboard HDMI 1.3: 1920 x 1080
Dual Display	VGA + HDMI

Audio

Audio Codec	Realtek ALC892 Supports 5.1-CH HD Audio
Audio Interface	Line-in, Line-out, Mic-in, S/PDIF, Front Audio Header

Ethernet

Chipset	Intel® 82579LM Gigabit Ethernet Intel® 82583V Gigabit Ethernet
Ethernet Interface	10/100/1000 Base-Tx Gigabit Ethernet Compatible

Mechanical & Environmental

Power Requirement	ATX
Power Type	AT/ATX Mode (Selectable by Jumper)
ACPI	Single Power ATX Support S0, S1, S3, S4 ACPI 3.0 Compliant
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-A3R

Intel® 2nd Generation Core™ i7/i5/i3 ATX Motherboard with Intel® Q67 Chipset