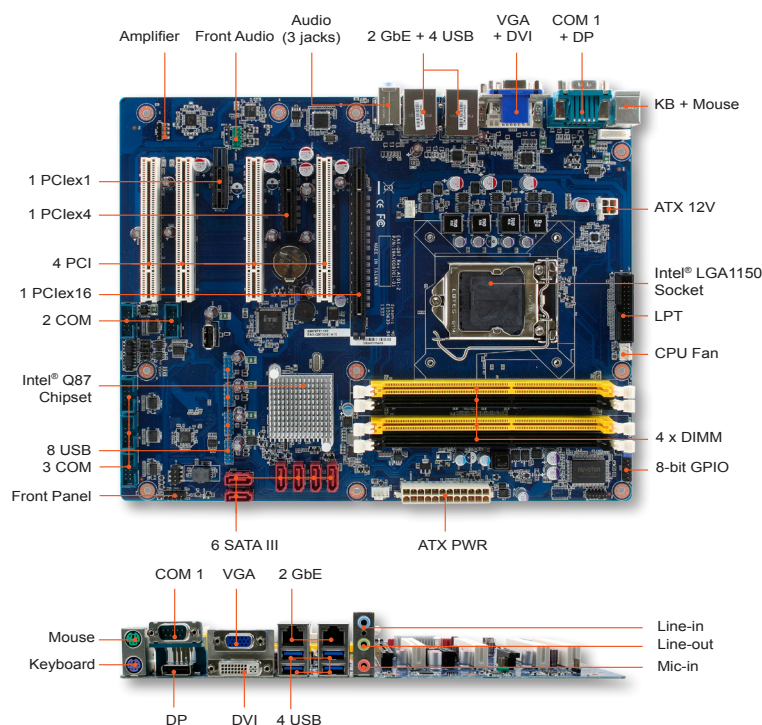




Features

- Q87: Intel® 4th Generation Core™ i7/i5/i3 Desktop LGA1150 (Socket H3) CPU
C226: Intel® 4th Generation Xeon and Dual Core™ Workstation LGA1150 (Socket H3) CPU
- Intel® Q87 Chipset (Co-lay C226 Chipset)
- 4 x 240-pin DIMM Sockets Support Up to 32GB DDR3 1333/1600MHz SDRAM (ECC Memory Supported for C226)
- 2 x Gigabit Ethernet
- Triple Display: DP, VGA, DVI
- 1 PCIe16 Gen.3, 4 PCI (Support 5V), 1 PCIe4, 1 PCIe1
- 6 SATA III, 4 USB 3.0, 9 USB 2.0, 6 COM, 8-bit GPIO
- iAMT 9.0
- RAID 0, 1, 5, 10



Specifications

System

CPU	Q87: Intel® 4 th Generation Core™ i7/i5/i3 Desktop LGA1150 (Socket H3), Up to 95W C226: Intel® 4 th Generation Xeon and Dual Core™ Workstation LGA1150 (Socket H3) CPU, Up to 95W
BIOS	AMI uEFI BIOS, 64Mbit SPI Flash ROM iAMT 9.0 Supported
System Chipset	Intel® Q87 Chipset (Co-lay C226 Chipset)
I/O Chip	Nuvoton NCT6776F
System Memory	4 x 240-pin DIMM Sockets Support Up to 32GB DDR3 1333/1600MHz SDRAM
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec./min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
Expansion	4 x PCI, 1 x PCIe16 Gen.3, 1 x PCIe4, 1 x PCIe1
Buzzer	Buzzer Onboard
RAID	RAID 0, 1, 5 and 10
TPM	TPM 1.2 SLB9635 (Optional)

I/O

MIO	1 COM (Rear), 5 COM (Internal COM2 RS-232/422/485, w/+5V & 12V Supported, COM3 ~ 6 RS-232), 1 VGA, 1 DP, 1 DVI, 1 Audio Jack, 1 PS/2 KB/MS, 6 SATA III, 1 LPT
USB	4 USB 3.0 (Rear), 9 USB 2.0 (Internal)
DIO	8-bit General Purpose I/O for 4-bit DI and 4-bit DO

Display

Chipset	Intel® Q87/C226 Integrated
Resolution	3 Independent Display Supported - DP: 1920 x 1200 - VGA: 2048 x 1536 - DVI: 1920 x 1200

Audio

Audio Codec	Realtek ALC892 5.1 + 2 with Two Independent Streaming HD Codec, 6W Amplifier Onboard
Audio Interface	Mic-in, Line-in and Line-out, Speaker-out

Ethernet

Chipset	1 x Intel® I210AT Gigabit Ethernet Controller 1 x Intel® I217LM Gigabit Ethernet PHY
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-Q87-A1R

Intel® 4th Generation Core™ i7/i5/i3 ATX Motherboard with Intel® Q87 Chipset

EAX-C226-A1R

Intel® 4th Generation Xeon and Dual Core™ ATX Motherboard with Intel® C226 Chipset