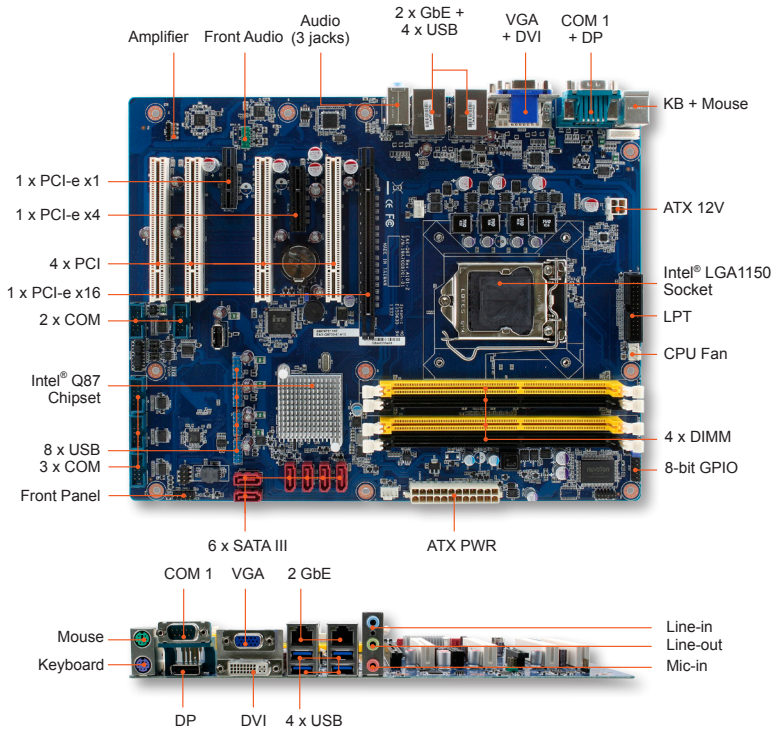
EAX-Q87R/EAX-C226

Intel® 4th Generation Core™ Refresh i7/ i5/ i3, Pentium® and Celeron® Processors ATX Motherboard



Features

- Intel® LGA1150 Socket Supports 4th Generation Core™ Refresh i7/ i5/ i3, Pentium® and Celeron® Processors
- Intel® Q87 Express Chipset (Co-lay C226 Chipset)
- Four x 240-Pin DIMM Sockets Support Up to 32GB DDR3 1333/ 1600MHz SDRAM
- VGA, DP, DVI
- Realtek ALC892 Supports 5.1-CH HD Audio Codec
- 1 x Intel®I210AT PCI-e Gigabit Ethernet
  1 x Intel®I217LM PCI-e Gigabit Ethernet PHY
- TI TPA3005D2 Stereo Class-D 6W x 2 Audio Amplifier
- 1 x PCI-e x 16, 4 x PCI (Support 5V), 1 x PCI-e x 4, 1 x PCI-e x 1
- 6 x SATA III, 4 x USB 3.0, 9 x USB 2.0
- 5 x RS-232, 1 x RS-232/422/485, 8-bit GPIO
- RAID 0, 1, 5, 10; iAMT 9.0
- ATX Power

Specifications

System

Processor	Intel® LGA1150 Socket Supports 4th Generation Core™ Refresh i7/ i5/ i3, Pentium® and Celeron® Processors (Max. TDP at 95W)
BIOS	AMI uEFI BIOS, 64Mbit SPI Flash ROM
System Chipset	Intel® Q87 Express Chipset (Co-lay C226 Chipset)
I/O Chip	Nuvoton NCT6776F
System Memory	4 x 240-Pin DDR3 1333/1600MHz DIMM Up to 32GB
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 & Storage

Expansion	1 x PCI-e x 16,1 x PCI-e x 1, 4 x PCI,1 x PCI-e x 4

I/O

MIO	1 x PS2 Keyboard,1 x PS2 Mouse
USB	4 x USB 3.0, 9 x USB 2.0
SATA	6 x SATAIII
COM Port	1 x RS-232/422/485, 5 x RS-232
DIO	1 x 8 bit GPIO

Display

Chipset	Intel® 4th Generation CPU integrated
Resolution	DP: 3840 x 2160 @ 24Hz VGA: 1920 x1200 @ 60Hz DVI: 1920 x 1200 @ 60Hz DP + VGA+ DVI

Audio

Audio Codec	Realtek ALC892 supports 5.1-CH
Audio Interface	Mic-in, Line-in and Line-out
Audio Amplifier	TI TPA3005D2 Stereo Class-D 6W x 2 Audio Amplifier

Ethernet

Chipset	1 x Intel® I210AT 1 x Intel® I217LM
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45

Mechanical & Environmental

Power Requirement	+12V/+5V/5Vsb/+3.3V
Power Type	AT/ATX
Operating Temperature	0 ~ 60°C (32 ~ 140°F)
Storage Temperature	-20°C ~ 75°C (-4°F ~ 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-Q87R-A1R
Intel® LGA1150 Socket Supports 4th Generation Core™ Refresh i7/ i5/ i3, Pentium® and Celeron® Processors ATX Motherboard With Intel® Q87 Express Chipset

EAX-C226-A1R
Intel® LGA1150 Socket Supports Intel® Xeon® Processors ATX Motherboard With Intel® C226 Express Chipset