



EAX-Q87R

Intel® LGA1150 Socket Supports 4th Generation Core™ Refresh i7/ i5/ i3, Pentium® and Celeron® Processors ATX Motherboard With Intel® Q87 Chipset

- > Intel® LGA1150 Socket Supports 4th Generation Core™ Refresh i7/ i5/ i3, Pentium® and Celeron® Processors
- > Intel® Q87 Chipset (Co-lay C226 Chipset)
- > 4 x 240-pin DDR3 1333/1600 MHz DIMM supports up to 32GB
- > VGA, DP, DVI
- > Realtek ALC892 Supports 5.1-CH HD Audio Codec
- > 1 x Intel® I217LM PCIe Gigabit Ethernet PHY
- > 1 x Intel® I210AT PCIe Gigabit Ethernet
- > TI TPA3005D2 Stereo Class-D 6W x 2 Audio Amplifier
- > 1 x PCIe x 16, 4 x PCI (Support 5V), 1 x PCIe x 4, 1 x PCIe x 1
- > 6 x SATA III 4 x USB 3.0 9 x USB 2.0

+ Spec

| System | |
|------------------------------|--|
| Processor | Intel® LGA1150 Socket Supports 4th Generation Core™ Refresh i7/ i5/ i3, Pentium® and Celeron® Processors (Max. TDP at 95W) |
| System Chipset | Intel® Q87 Chipset (Co-lay C226 Chipset) |
| System Memory | 4 x 240-Pin DDR3 1333/1600 MHz DIMM supports up to 32 GB |
| I/O Chip | Nuvoton NCT6776F |
| BIOS | AMI uEFI BIOS, 64Mbit SPI Flash ROM |
| Watchdog Timer | H/W Reset, 1sec. ~ 65535sec./min. 1sec. or 1min. Step |
| H/W Status Monitor | Monitoring System Temperature and Voltage with Auto Throttling Control |
| Expansion | |
| Expansion | 4 x PCI (Support 5V) 1 x PCIe x 16 1 x PCIe x 4 1 x PCIe x 1 |
| I/O | |
| USB | 9 x USB 2.0 4 x USB 3.0 |
| SATA | 6 x SATA III |
| COM Port | 5 x RS-232 1 x RS-232/422/485 |
| DIO | 1 x 8-bit GPIO |
| MIO | 1 x PS/2 Keyboard 1 x PS/2 Mouse |
| Display | |
| Chipset | Intel® 4th Generation CPU integrated VGA + DVI + DP |
| Resolution | VGA: 1920 x 1200 @ 60Hz DVI: 1920 x 1200 @ 60Hz DP: 3840 x 2160 @ 24Hz |
| Audio | |
| Chipset | 1 x 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/-12V |
| Power Type | AT/ATX |
| Operating Temperature | 0°C ~ 60°C (32°F ~ 140°F) |
| Storage Temperature | -20°C ~ 75°C (-4°F ~ 167°F) |
| Operating Humidity | 0% ~ 90% Relative Humidity, Non-condensing |
| Dimension (L x W) | 12" x 9.6" (304.8 mm x 243.84 mm) |
| Weight | 1.32lbs (0.6 kg) |
| Power Requirement | |
| Power Requirement | +12V/+5V/5Vsb/+3.3V/-12V |

+ Ordering

EAX-Q87R-A1R
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