

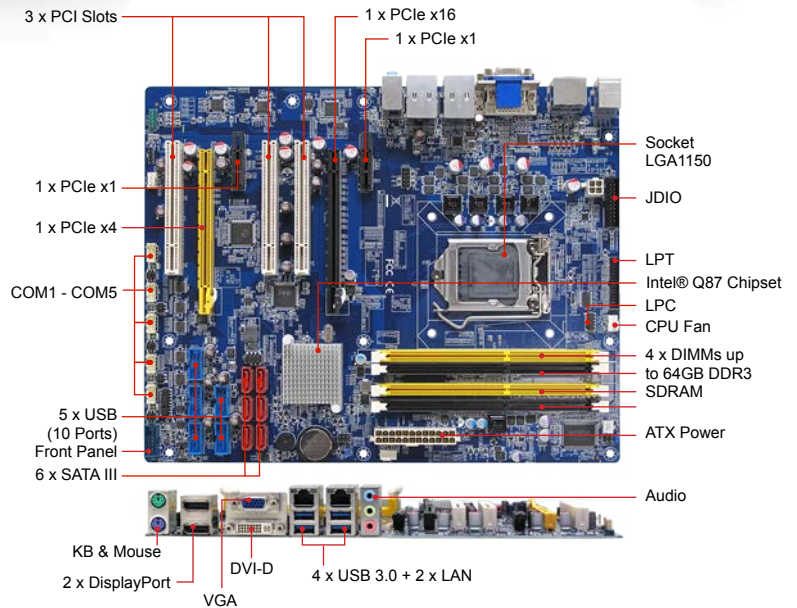
BC87Q

ATX Motherboard

Intel® Q87 ATX Motherboard supports 4th generation Intel® Core™ i7/i5/i3 processors

Features

- Intel® Haswell Platform supports 4th generation Intel® Core™ i7/i5/i3 processors
- Supports 3 onboard independent display
- Rich onboard video interfaces: 2 x DisplayPort, DVI and VGA
- 4 x USB 3.0 and 10 x USB 2.0
- 6 x SATA III RAID
- 5 x COM Ports
- 1 x PCIe x16, 1 x PCIe x4, 2 x PCIe x1, 3 x PCI
- Intel® Active Management Technology 9.0
- Supports TPM 1.2



Specifications

System

CPU	Socket LGA1150 supports Intel® Haswell Core™ i7, Core™ i5, Core™ i3 and Pentium® Processors up to 84W TDP
System Chipset	Intel® Q87 PCH Chipset
System Memory	Four DIMM slots support up to 32 GB Dual Channel DDR3 1600 MHz system memory
BIOS	AMI 64Mb SPI BIOS
I/O Chip	Nuvoton NCT6776F
Expansion	1 x PCI Express x 16 (Black) 1 x PCI Express x4 (Yellow) 2 x PCI Express x1 3 x PCI slots
TPM	Integrated TPM 1.2
Watchdog Timer	Reset: 1 sec. ~ 255min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature, Voltage, with Auto Throttling Control

Rear I/O

KB/MS	1 PS/2 Keyboard, 1 PS/2 Mouse
Audio	Line-in, Line-out, Mic-in, Front Audio Header
USB	4 x USB 3.0
LAN	2 x RJ45
VGA	1 x DB-15
Display	1 x DVI-D, 2 x DisplayPort

Onboard I/O

USB	5 x USB Connector (10 USB Ports)
COM (Serial Port)	4 x RS-232 and 1 x RS232/422/485
SATA	6 x SATA III Connectors (Red)
MIO	1 x LPT, 1 x Front Audio, 1 x Amplifier, 1 x Front Panel, 1 x 16-bit GPIO, 1 x 4 Pin CPU Fan, 1 x 4 Pin Chassis Fan, 1 x Socket Type CMOS Battery Holder, 2 x LAN Status LED Headers, 1 x RAID LED Header

Display

Chipset	Intel® Integrated Graphics
Display Output	2 x DisplayPort and 1 x VGA

Audio

HD Codec	Realtek® ALC892 HD Audio
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Ethernet

LAN1	Intel® i217-LM Gigabit Ethernet
LAN2	Intel® i210-AT Gigabit Ethernet

Mechanical & Environment

Power Type	1 x 24-pin ATX Connector and 1 x 4-pin ATX 12 Connector
Operating Temp.	0 ~ 60°C (32 ~ 140°F)
Storage Temp.	-20 ~ 80°C (-4° ~ 176°F)
Operating Humidity	0%~90% Relative Humidity, Non-condensing
Form Factor	ATX
Dimensions (L) x (W)	12" (L) x 9.6" (W)
Weight	1.65 lbs

Ordering Info

BC87Q	Intel® Q87 ATX Motherboard
Accessory	1 x Dual COM Port Cable with Bracket, 2 x SATA Cables, 1 x I/O Shield
182000000044	2.00mm pitch 11.8" length Parallel cable w/ full height bracket
183000000006	2.00mm pitch 12" length Serial cable
182437200040	2.54mm pitch 14" length Dual port USB cable w/ full height bracket

* All product specifications and images are subject to change without notice.
Last update: 2/21/2014