

BC370Q

Intel Q370 ATX Motherboard supports 8th Gen Intel Core/Pentium/Celeron Processors

Features

- LGA1151 Socket supports 8th Gen Intel® Core™/Pentium/Celeron Processors (Coffee Lake Platform) up to 95W TDP
- 4 x DIMM Sockets up to 64 GB DDR4 2400 MHz
- Optional ECC Memory Support
- Rich Expansion: 1 x PCIe x16, 2 x PCIe x4, 2 x PCIe x1, 2 x PCI, 2 x M.2
- Supports Triple Displays
- 1 x HDMI, 2 x DisplayPorts, 1 x VGA
- 9 x USB 3.0, 8 x USB 2.0
- 6 x COM Ports
- TPM 2.0

Specifications

System

CPU	LGA1151 Socket supports 8th Gen Intel® Core™/Pentium/Celeron Processors up to 95W TDP
System Memory	4 x DIMM Sockets support up to 64 GB Dual Channel DDR4 2400 MHz. Optional ECC Memory Support
BIOS	AMI 256Mb SPI BIOS
Expansion	1 x PCIe x 16 Slot 2 x PCIe x 4 Slots 2 x PCIe x 1 Slots 2 x PCI Slots 1 x M.2 Type M 2242, 2260, 2280 Slot (with PCIe x4 & SATA III) 1 x M.2 Type A/E 2232 (with USB & PCIe x1)
TPM	Infineon® SLB 9665 TPM 2.0 Controller

Display

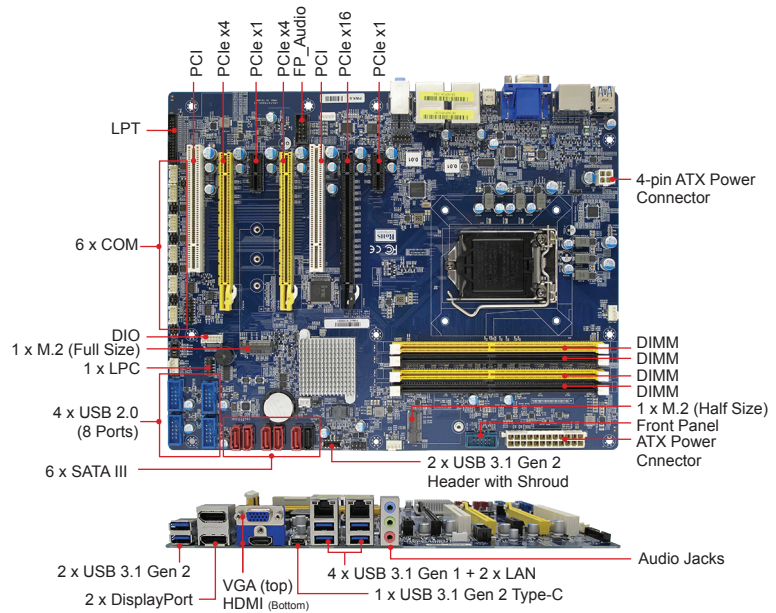
Chipset	Intel® HD Integrated Graphics
Display Output	Supports Triple Display

External I/O

HDMI	1 x HDMI
DP	2 x DisplayPort
VGA	1 x DB-15 VGA
USB	2 x USB 3.1 Gen 2 Type-A Connectors 1 x USB 3.1 Gen 2 Type-C Connectors
LAN and USB	2 x RJ45+Dual USB 3.1 Gen 1 (Stacked)(4 x USB 3.1 Ports)
Audio	1 x 3 Jacks Audio Connector

Onboard I/O

SATA	5 x SATA III 1 x SATA III (Shared with M.2)
USB	4 x USB 2.0 Headers (8 Ports on Header) 2 x USB 3.1 Gen 2 Header
COM	5 x RS-232 Headers with Voltage Selection 1 x RS-232/422/485 Headers with Voltage Selection
MIO	1 x LPT, 1 x LPC, 1 x SPI, 1 x Front Audio, 1 x Amplifier, 1 x Front Panel, 1 x 8-bit GPIO, 1 x 4-pin CPU Fan, 2 x 4-pin Chassis Fan, 2 x LAN Status LDE Headers, 1 x Horizontal Socket Type CMOS Battery Holder, 1 x Chassis Intrusion Locking Type Header



Audio

Chipset	Realtek ALC892/ALC886
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Ethernet

LAN 1	Intel® I211-AT Gigabit Ethernet
LAN 2	Intel® I219-LM Gigabit Ethernet

Mechanical & Environment

Power Connector	1 x Std. 24 pin ATX Connector 1 x 4 pin ATX 12 Connector AT/ATX Mode Jumper
Operating Temp.	0°C ~ 60°C (32°F ~ 140°F)
Storage Temp.	-20°C ~ 80°C (-4°F ~ 176°F)
Operating Humidity	5% ~ 90% Relative Humidity, Non-condensing
Dimensions	12" x 9.6" (304.8 x 248.84mm)
Certification Information	CE, FCC Class B, UL
Weight	TBD

Ordering Info

BC370Q	Intel Q370 ATX Motherboard
Accessory	1 x I/O Shield

* All product specifications and images are subject to change without notice. Last update: 03/29/2018



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& embedded computing

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