

RX370Q

Intel Q370 uATX Motherboard supports 8th Gen Intel Core-i/Pentium/Celeron Processors

Features

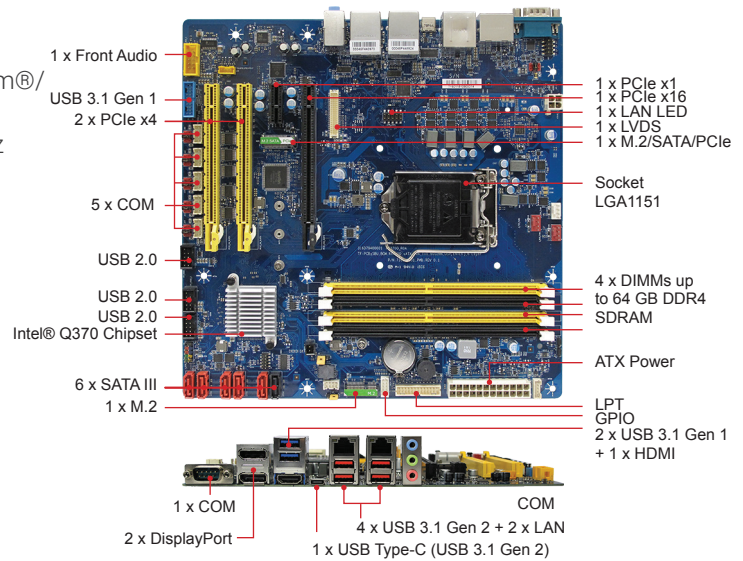
- Intel® Q370 PCH
- Socket LGA 1151 supports 8th Generation Intel® Core™/Pentium®/Celeron® Processors, (formerly Coffee Lake)
- 4 x Gold Plated DIMM Up to 64GB Dual Channel DDR4 2400Mhz Optional ECC Memory Support
- 2 x Gigabit LAN: Intel® I219-LM and Intel® I211-AT
- Rich expansion interfaces with gold plated slots
- 6 x SATA III, 9 x USB 3.0, 6 x USB 2.0, 6 x COM
- Supports SATA RAID 0, 1, 5 and 10
- Intel AMT 12
- TPM 2.0

Specifications

System	
CPU	Socket LGA1151 supports 8th Gen Intel® Core™, Pentium and Celeron processors up to 95W TDP
System Memory	4 x Gold Plated DIMM Support up to 64GB Dual Channel DDR4 2400MHz System Memory Optional ECC Memory Support
BIOS	AMI uEFI BIOS, 128Mbit SPI Flash ROM
Super I/O Controller	Nuvoton® NCT6116
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec.
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
Expansion	1 x PCIe x 16 Slot (Gold Plated) 2 x PCIe x 4 Slot (x16 Physical Slot) (Gold Plated) 1 x PCIe x 1 Slot Open End (Gold Plated) 1 x M.2 Type M 2242, 2260, 2280 Slot (with USB, PCIe x4 & SATA III) (Gold Plated) 1 x M.2 Type A/E 2232 (with USB & PCIe x2) (Gold Plated)
TPM	Infineon® SLB 9665 TPM 2.0
Supported OS	Windows 10, Ubuntu Linux

External I/O	
USB	2 x USB 3.1 Gen 1, 1 x USB Type-C (USB 3.1 Gen 2 Speed)
LAN & USB	2 x RJ-45 & Dual USB 3.1 Gen 2 (Stacked)
COM	1 x RS-232/422/485 Connector (Gold Plated)
Display	1 x HDMI Connector (Gold Plated) 2 x DisplayPort Connector (Gold Plated)
Audio	1 x 3 Jacks Audio Connector (30mm Height)

Onboard I/O	
SATA	5 x SATA III Vertical Connectors (Red) (Gold Plated) 1 x SATA III Vertical Connector (Black, shared with M.2)
USB	3 x USB 2.0 Headers (6 Ports on Header) (Gold Plated) 1 x USB 3.1 Gen 1 Header (2 Ports On Header) (Gold Plated)
COM	5 x RS-232 Headers with Voltage Selection
LVDS/eDP	1 x LVDS Header (Gold Plated)(Optional eDP) 1 x Backlight Locking Type Header (Gold Flashed)
MIO	1 x LPT, 1 x LPC, 1 x SPI, Front Audio, Front Panel, 1 x 8-bit GPIO, 1 x 1 x Horizontal Socket Type CMOS Battery Holder, 1 x 4 Pin CPU Fan Header, 2 x 4 Pin Chassis Fan Header, 1 x Onboard Buzzer, 1 x Chassis Intrusion Locking Type Header



Audio

COdec	Realtek® ALC892/ALC886
Amplifier	3W Per Channel Amplifier

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 (Gold Plated) 1 x 4 pin ATX 12 Connector (Gold Plated) 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	9.6" x 9.6" (243.84mm x 243.84mm)
Certification Information	FCC Class B/CE/UL 62368-1 Second Edition
Weight	TBD

Ordering Info

RX370Q	Intel Q370 uATX Motherboard Supports Intel Coffee Lake Processors
Accessory	1 x I/O Shield

* All product specifications and images are subject to change without notice. Last update: 4/2/2018



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