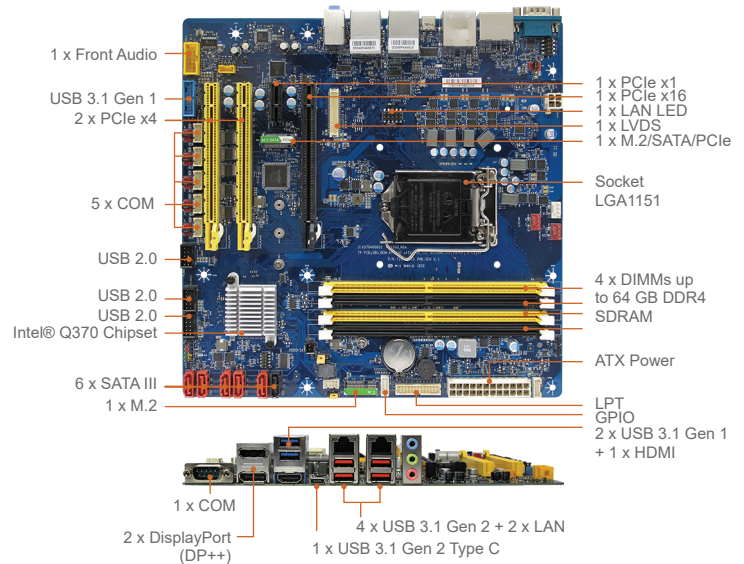


Features

- High Reliability Gold Plating Connectors
- Intel® Q370 PCH
- Socket LGA 1151 supports 8th/9th Generation Intel® Core™/Pentium®/ Celeron® Processors*
- 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
- 2 x DisplayPort (DP++), 1 x HDMI
- 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
- TPM 2.0
- Intel® AMT 12, Intel® RST, Intel® PTT



Specifications

System	
CPU	Supports 8th Gen LGA1151 Intel® Core-i™, Pentium, and Celeron processors* up to 95W DP Supports 9th Gen LGA1151 Intel® Core-i™, Pentium, and Celeron processors* with 6 cores or less & up to 95W TDP Supports 8 Core 9th Gen LGA 1151 Intel® Core-i™ processors* up to 35W TDP * Processor lccMax <= 138A.
System Chipset	Intel® Q370 PCH
System Memory	4 x Gold Plated DIMM Support up to 64GB Dual Channel DDR4 2400MHz System Memory. Optional ECC Memory Support
Audio Codec	Realtek HD Audio support 7.1 channel sound playback
H/W Status Monitor	LAN1: Intel® i219-LM Gigabit Ethernet Controller LAN2: Intel® i211-AT Gigabit Ethernet Controller
Ethernet	1 x Full Size Mini PCIe (mSATA) 1 x M.2 (B-KEY, 2242)
BIOS	AMI® 128Mb SPI BIOS/AMI uEFI BIOS, 128Mbit SPI Flash ROM
Expansion	1 x PCIe x16 Slot (Gold Plated) 2 x PCIe x4 Slot (x16 Physical Slot) (Gold Plated) 1 x PCIe x1 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)
Watchdog Timer	Reset: 1 sec. ~ 255min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature, Voltage, with Auto Throttling Control
TPM	Infineon® SLB 9665 TPM 2.0
Intel® Advanced Technologies	Intel® Rapid Storage Technology (RAID 0, 1, 5 and 10 support) Intel® Rapid Storage Technology for PEI Express Storage Intel® Active Management Technology (Intel® AMT) Intel® Optane Memory Support Intel® Smart Sound Technology Intel® High Definition Audio (Intel® HD Audio) Intel® Platform Trust Technology (Intel® PTT)
Display	
Graphics Engine	Intel® Integrated Graphic
Interfaces	2 x DisplayPort (DP++) (Gold Plated), 1 x DVI-D, Optional eDP
Capability	Supports 3 Independent Display

Internal I/O	
LVDS/eDP	1 x LVDS Header (Gold Plated)(Optional eDP) 1 x Backlight Locking Type Header (Gold Flashed)
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
SATA	5 x SATA III Connectors (Red) (Gold Plated) 1 x SATA III Connectors (Black) (Shared with M.2) (Gold Plated)
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

External I/O	
Audio	Line-in, Line-out, Mic-in
USB	2 x USB 3.1 Gen 1, 1 x USB 3.1 Gen 2 Type C
LAN and USB	2 x RJ45 & 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 (DP++) (Gold Plated)

Mechanical & Environment	
Power	1 x Std. 24 pin ATX Connector (Gold Plated)
Type	1 x 4 pin ATX 12 Connector (Gold Plated) AT/ATX Mode Jumper
Operating Temp	0 ~ 60°C (32 ~ 140°F)
Storage Temp	-20 ~ 80°C (-4 ~ 176°F)
Operating Humidity	5 ~ 90% Relative Humidity, Non-condensing
Form Factor	uATX (Micro ATX)
Dimensions	9.6" (L) x 9.6" (W)
Certification	CE, FCC Class B
Weight	1.45 lbs

Ordering Info	
RX370Q	Intel® Q370 PCH Micro ATX Motherboard
182000000073	2.00mm pitch 19.7" (50cm) length dual port serial cable w/ full height bracket
183000000006	2.00mm pitch 12" length Serial cable
182437200040	2.54mm pitch 14" length 2-port USB cable w/ full height bracket
181100000006	20" length SATA data cable with Latch

* All product specifications and images are subject to change without notice. Last update: 2021/5/18

