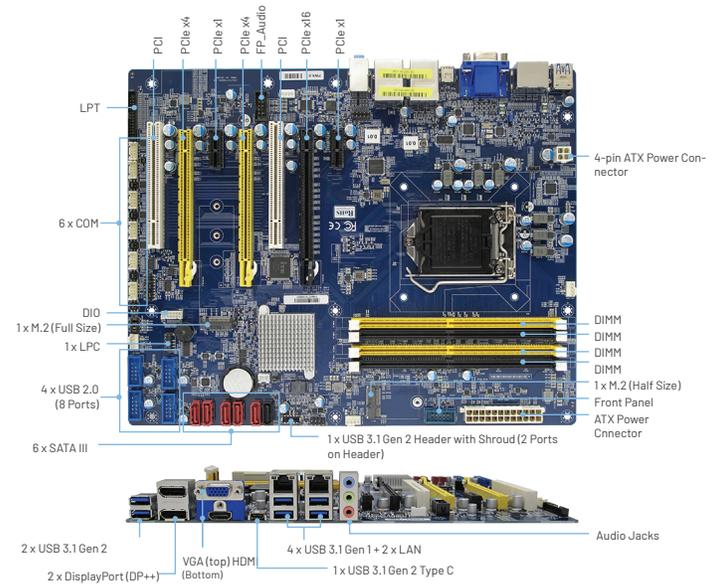


Features

- LGA1151 Socket supports 8th/9th Gen Intel® Core™/Pentium®/Celeron Processors (Coffee Lake/Coffee Lake Refresh) up to 95W TDP
- 4 x DIMM sockets support 2666/2400/2133 MHz DIMM up to 64GB system memory
- 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 (supports DP++), 1 x VGA
- Onboard USB: 8 x USB 2.0 and 1 x USB 3.1 Gen 2 Header (2 Ports on Header)
- External USB: 6 x USB 3.1 Gen 1 (Speed up to 5Gbps) and 1 x USB 3.1 Gen 2 Type C (Speed up to 10Gbps) Connectors
- 6 x COM Ports
- TPM 2.0

Specifications

System	
CPU	LGA1151 Socket supports 8th/9th Gen Intel® Core™/Pentium®/Celeron Processors up to 95W TDP Supported Intel® 9th gen processors: Intel® Core i7-9700E Intel® Core i7-9700TE Intel® Core i5-9500TE Intel® Core i5-9500E Intel® Core i3-9100E Intel® Core i3-9100TE
System Chipset	Intel® Q370 PCH Chipset
System Memory	4 x DIMM sockets support 2666/2400/2133 MHz DIMM up to 64GB system memory
Audio	Realtek HD Audio support 7.1 channel sound playback
Ethernet	Intel® I225/I226 Ethernet Controller Please note 05/12/2022 PCN update
BIOS	AMI 256Mb SPI BIOS
Expansion	1 x PCIe x16 Slot 2 x PCIe x4 Slots 2 x PCIe x1 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)
Watchdog Timer	Reset: 1 sec. ~ 255min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature, Voltage, with Auto Throttling Control
TPM	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
Display Interfaces	2 x DisplayPort (supports DP++), 1 x HDMI, 1 x VGA
Display Capability	Supports 3 Independent Onboard Display



External I/O	
Audio	Line-in, Line-out, Mic-in
USB	2 x USB 3.1 Gen 2 Type A Connectors 1 x USB 3.1 Gen 2 Type C Connectors Note: USB 3.1 Gen 1 (Speed up to 5Gbps), same as USB 3.0 USB 3.1 Gen 2 (Speed up to 10Gbps)
LAN and USB	2 x RJ45 + Dual USB 3.1 Gen 1 (Stacked) (4 x USB 3.1 Ports)
Display	1 x DB-15 VGA 2 x DisplayPort (supports DP++) 1 x HDMI
Internal I/O	
USB	4 x USB 2.0 Headers (8 Ports on Header) 1 x USB 3.1 Gen 2 Header with Shroud (2 Ports on Header)
COM	5 x RS-232 Headers with Voltage Selection 1 x RS-232/422/485 Headers with Voltage Selection. * Mating connector to COM port headers: JST PHDR-10VS or equivalent
SATA	5 x SATA III 1 x SATA III (Shared with M.2)

Ordering Info	
BC370Q	Intel Q370 ATX Motherboard supports 8th Gen Intel Coffee Lake Processors
Accessory Included	1 x I/O Shield
182000000044	2.00mm pitch 11.8" length Parallel cable w/ full height bracket. 30cm DB25 Male > 26pin 2mm pitch
182000000073	2.00mm pitch 19.7" (50cm) length dual port serial cable w/ full height bracket. 50cm, 10pin 2mm pitch, wafer > DB9 Molded Ribbon Cable
183000000006	2.00mm pitch 12" length Serial cable
182437200040	2.54mm pitch 14" length Dual port USB cable w/ full height bracket. 40cm, 10pin Dual Row 2.54mm Pitch > Dual Molded USB

* All product specifications and images are subject to change without notice. Last update: 05/12/2022

