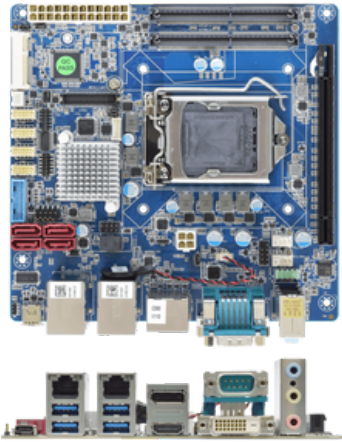


Mini-ITX Industrial Motherboard with LGA 1151 Socket supporting 8th/9th Gen Intel® Core™ i3/i5/i7 Processor, Q370 Chipset



### Features

- LGA 1151 Socket Support 8/9th Gen. Intel® Coffee Lake-S Core™ i7/i5/i3 Desktop Processor
- Q370 Chipset
- 2x DDR4 SO-DIMM support up to 32GB
- Triple Independent Display
- External I/O Interface Ports: 1 x RS-232/422/485; 4 x USB3.1 Ports, 1 x USB3.1 Type C (optional)
- Internal I/O Interface Ports: 4 x RS232; 2 x USB3.1 Ports, 2 x USB2.0 Ports
- 1x M.2 SATA, 4x SATA
- 1x PCIe x16, 1x Mini PCIe
- OS Support: Windows 10 (64 Bit) and Linux Fedora/Ubuntu
- TPM 2.0 onboard (Optional)

### Specifications

System	
Processor	Support 8th/9th Gen Intel® CFL-R S Processor (LGA 1151, 95W/65W/35W TDP) <ul style="list-style-type: none"> <li>• Intel® Core™ i7-9700E, i7-9700TE, i7-8700T, i7-8700</li> <li>• Intel® Core™ i5-9500E, i5-9500TE, i5-8500T, i5-8500</li> <li>• Intel® Core™ i3-9100E, i3-9100TE, i3-8100T, i3-8100</li> <li>• Intel® Pentium® G5400T, G5400</li> </ul>
System Chipset	Intel® Q370 PCH
LAN Chipset	2x Realtek RTL8111G GbE LAN (Support Wake-on-LAN and PXE)
Audio Codec	Realtek ALC888S
System Memory	2x 260-Pin DDR4, 2133/2400/2666 SODIMM. Max 32 GB
Graphics	Intel® UHD Graphics 610/630
BIOS	AMI 256Mbit SPI BIOS
Watchdog	Software Programmable Supports 1~255 sec. System Reset
TPM	TPM 2.0 onboard (Optional)
Display	
Display Port	1x DP 1.2
DVI	1x DVI-D
HDMI	1x HDMI 1.4
LVDS	1x LVDS
Multiple Display	Triple Display
Storage	
M.2	1x M.2 (M-Key, Type: 2280, SATA)
SATA	4 x SATA 3.0Gb/s, Support RAID 0, 1, 5, 10
Expansion	
Mini PCIe	1x Full-size Mini PCIe
PCIe	1x PCIe x16 (Gen 3)
Rear I/O	
Audio	1x Line-in, Line-out, Mic-in
COM	1x RS-232/422/485
LAN	2x RJ45
USB	4x USB 3.2 Gen 1
Internal I/O	
Audio	1x Front panel audio
COM	4x RS-232
DIO	1x 8-bit DIO (4-in/4-out)
SATA	4x SATA 3.0Gb/s
USB	2x USB 3.2 Gen 1 2x USB 2.0
Others	1x Front panel 1x LPC Header (2.0mm Pitch) 1x SPI Header (2.0mm Pitch) 2x 4-pin PWM Smart Fan

Operating System	
Windows	Windows 10
Linux	Linux kernel 5.X
Power	
Power Management	ACPI
Power Mode	ATX Power
Power Connector	2x12-pin and 2x2-pin power connector
Environment	
Form Factor	Mini-ITX
Operating Temperature	0°C to 60°C
Storage Temperature	-40°C to 90°C
Relative Humidity	10% ~ 90% relative humidity, non-condensing
Physical	
Dimensions	170mm x 170mm

### Available Models

- CT-XCL01  
Mini-ITX Industrial Motherboard with LGA 1151 Socket supporting 8th/9th Gen Intel® Core™ i3/i5/i7 Processor, Q370

### Packing List

- 1x CT-XCL01
- 1x SATA cable
- 1x I/O shield

\* All specifications and photos are subject to change without notice.