



## mITX-Q370A

Mini-ITX with 8th/9th Generation Intel® Core™ Processor, Dual channel DDR4 memory, PCIe , 2 x COM , 10 x USB, 3 x SATA 6Gb/s

### Key Features

- Mini-ITX form factor
- Supports 8th/9th Generation Intel® Core™ Processors
- Intel® Q370 Express Chipset
- Dual Channel DDR4, 2 x SO-DIMMs
- 2 x GbE LAN ports
- 3 x SATA 6Gb/s ports
- HDMI, Display Port, D-Sub, eDP ports for multiple display
- Realtek ALC269 audio codec
- 1 x USB3.1 Gen2 port with 10Gb/s speed
- 1 x RS232/422/485/5V/12V/RI COM port
- 1 x RS232 COM port

### Application



## SPECIFICATION

MInI-ITX with 8th / 9th Generation Intel® Core™ Processor, Dual channel DDR4 memory, PCIe, 2 x COM, 10 x USB, 3 x SATA 6Gb / s

<b>FORM FACTOR</b>	Mini-ITX 170W x 170D(mm)
<b>CPU</b>	Support for 8th/9th Generation Intel® Core™ i7 processors/Intel® Core™ i5 processors/Intel® Core™ i3 processors/Intel® Pentium®processors/Intel® Celeron® processors in the LGA1151 package, TDP under 65W L3 cache varies with CPU
<b>SOCKET</b>	1 x LGA 1151
<b>CHIPSET</b>	Intel® Q370 Express Chipset
<b>MEMORY</b>	2 x DDR4 SO-DIMM sockets supporting up to 32GB of system memory Dual channel memory architecture Support for DDR4 2666/2400 MHz memory modules
<b>ETHERNET</b>	2 x GbE LAN ports (Intel® i219LM and Intel® i211AT)
<b>VIDEO</b>	Integrated Graphics Processor - Intel® HD Graphics support: 1 x HDMI port, supporting a maximum resolution of 4096x2160@30Hz 1 x DP port, supporting a maximum resolution of 4096x2160@60Hz 1 x D-Sub port, supporting a maximum resolution of 1920x1200@60Hz 1 x eDP port, supporting a maximum resolution of 1920x1080@60Hz * Support up to 3 displays at the same time
<b>AUDIO</b>	Realtek ALC269 High Definition Audio
<b>STORAGE</b>	3 x SATA 6Gb/s ports with one SATA DOM supported (black connector)
<b>RAID</b>	Intel® SATA RAID 0/1/10/5
<b>EXPANSION SLOTS</b>	1 x PCIe x16 (Gen3 x16 bus) slot 1 x M.2 2230 E Key slot 1 x M.2 Slot 2242/2280 (M-Key, support PCIe x4 Gen 3/ SATA Optane memory)
<b>INTERNAL I/O</b>	1 x 4-pin ATX main power connector 3 x SATA 6Gb/s connectors 2 x SATA power connectors 1 x CPU fan header 1 x System fan header 1 x Front panel header 1 x Front panel audio header 4 x USB 2.0/1.1 headers

	<ul style="list-style-type: none"> <li>2 x USB3.0 headers</li> <li>1 x COM header (RS-232)</li> <li>1 x Clear CMOS jumper</li> <li>1 x GPIO (4 in/ 4 out)</li> <li>1 x Backlight Control header</li> <li>1 x eDP connector</li> </ul>
<b>REAR I/O</b>	<ul style="list-style-type: none"> <li>3 x Audio jacks (Line in, Line out, Mic in)</li> <li>1 x COM (RS-232/422/485 and RI/5V/12V)</li> <li>1 x HDMI</li> <li>1 x Display Port</li> <li>1 x D-Sub</li> <li>2 x RJ45</li> <li>3 x USB3.0</li> <li>1 x USB 3.1 type A</li> <li>1 x DC Jack (+12V/+19V/+24Vdc)</li> </ul>
<b>TPM</b>	1 x TPM Header
<b>OS COMPATIBILITY</b>	Windows 10 (x64)
<b>PSU CONNECTORS</b>	<ul style="list-style-type: none"> <li>1 x DC-in (+12V/+19V/+24Vdc)</li> <li>1 x 4-pin ATX power connector</li> </ul>
<b>OPERATING PROPERTIES</b>	<ul style="list-style-type: none"> <li>Operating temperature: 0°C to 60°C</li> <li>Operating humidity: 0-90% (non-condensing)</li> <li>Non-operating temperature: -20°C to 70°C</li> <li>Non-operating humidity: 0%-95% (non-condensing)</li> </ul>
<b>PACKING CONTENT</b>	<ul style="list-style-type: none"> <li>Carton size: 550 x 451 x 330(mm)</li> <li>Content:</li> <li>IO Shield x 1 (12AIO-MCQ370-00R )</li> <li>SATA Power cable x 2 (25CRI-300B01-K1R)</li> </ul>
<b>ORDER INFORMATION</b>	9MCQ37AINR-SI
<b>OPTIONAL KIT</b>	<ul style="list-style-type: none"> <li>TPM 1.2 module: 9CMUFLNR-00</li> <li>TPM 2.0 module: 9CTM000NR-00</li> </ul>