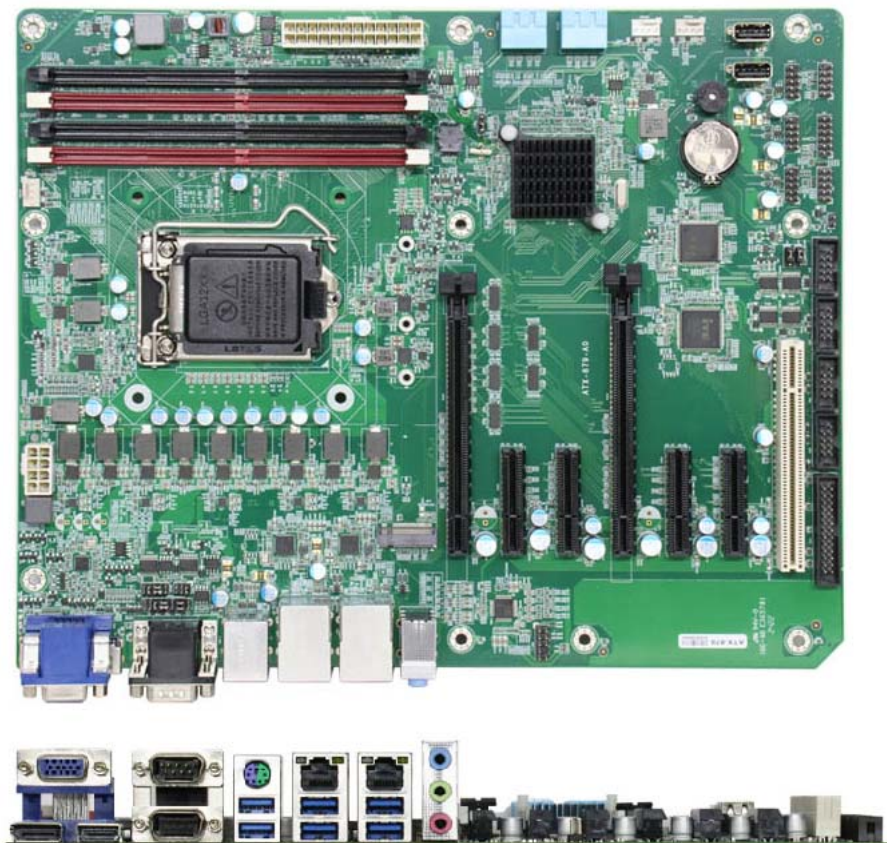


Model: NTX-Q470  
Industrial ATX main Board - Intel® Q470 Chipset



**Main Feature:**

- Supports 10<sup>th</sup> to 11<sup>th</sup> Gen. Intel Core™ i3/i5/i7/i9/Pentium®/Celeron® processor (LGA1200 Socket)
- Intel® Q470 Chipset
- Support 4 x DDR4 RAM DIMM Maximum up to 128GB
- 2 x Intel i2XX Gigabit LAN
- 2 x PCIE X16, 4 x PCIE X4, 1 x PCI slots expansion
- Support “Wake on LAN” and 6 x Serial port, TPM 2.0 supported (optional)

Specification	
Item	Description
Form Factor	ATX
Processor	Support LGA1200 Intel® 10 <sup>th</sup> to 11 <sup>th</sup> generation Core™ i3/i5/i7/i9
System Memory	Support 4 x 2400/2600/2933 DDR4 RAM DIMM Max. up to 128GB
Chipset	Intel® Q470
Ethernet	2 x Intel i2XX Gigabit LAN
BIOS	AMI 64MB SPI

Watchdog Timer	1 to 255 Seconds
HW State Monitoring	Monitor the state of voltage, temperature and speed of the fan
Expansion	2 x PCIE X16, 4 x PCIE X4, 1 x PCI Slots
Battery	Lithium battery
Power Supply	ATX24Pin + 8Pin
Dimension	305mm x 245mm
Operating Temperature	0-60 Celsius Degree
Storage Temperature	-20-80 Celsius Degree
Operating Humidity	0%-90% relative humidity, no condensation
Display	
Controller	Intel® HD Integrated <ul style="list-style-type: none"> <li>• 1 x VGA supports the highest resolution 1920 X 1080 @60Hz</li> <li>• 1 x HDMI supports the highest resolution 4096 x 2160 @ 60Hz</li> <li>• 1 x DP supports the highest resolution 4096 x 2304 @ 60Hz</li> </ul>
I/O	
Storage	4 x SATAIII (support RAID 0/1/5/10); 1 x M.2 (PCIe x4 M-key 2280)
Serial Port	6 x COM, 2 x RS-232/485 (COM 1&2)
USB	6 x USB 3.2 (External); 8 x USB2.0 (Internal)
Others	1 x LPT, 1 x PS/2
GPIO (Digital I/O)	8-channel programmable
TPM	TPM 2.0 supported (optional)
Audio	Realtek ALC662; support MIC-IN, Line-OUT and Line-IN