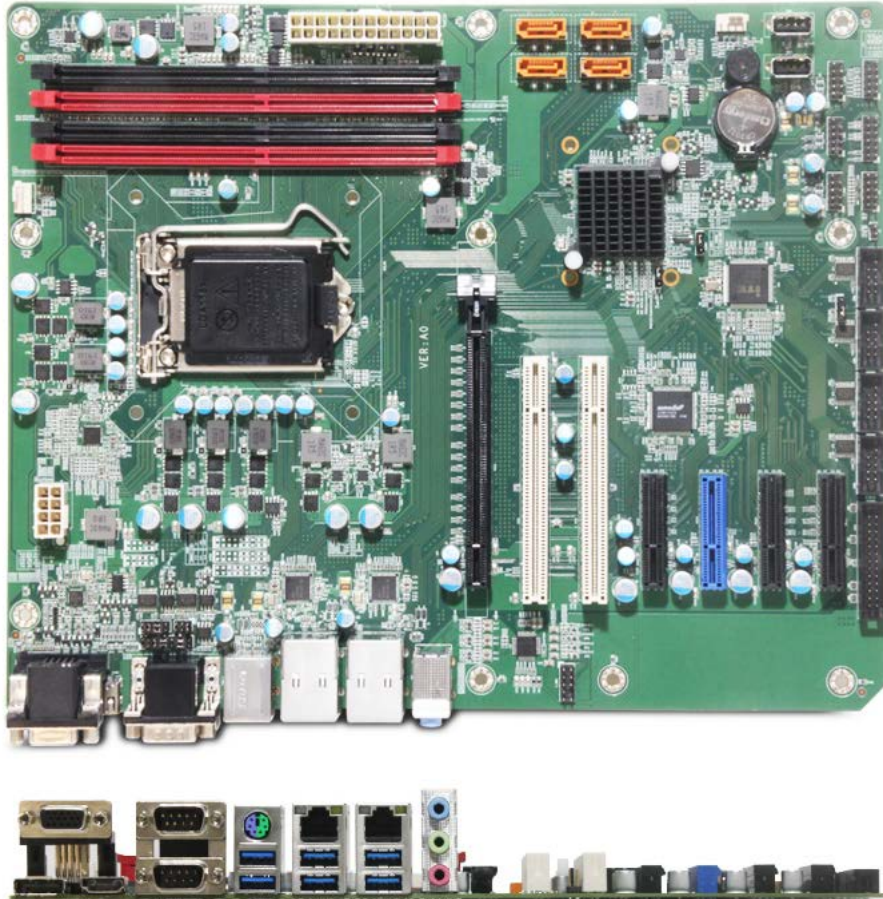


**Model: NTX-Q170**  
**Industrial ATX main Board, Intel® Q170 Chipset**



**Main Feature:**

- Supports 6<sup>th</sup> & 7<sup>th</sup> Gen. Intel Core™ i3/i5/i7/Pentium®/Celeron® processor (LGA1151)
- Intel® Q170 Chipset
- Support 4 x 2133/2400MHz DDR4 RAM DIMM Max. up to 64GB
- 2 x Intel i210 Gigabit LAN , Support “Wake on LAN”
- 6 x Serial port
- Supports three display configuration by multiple interface: DP/HDMI/VGA
- Supports DirectX12, OpenGL4.4, Support 4K 60Hz resolution (Integrated Intel HD ® Graphics Controller)

Specification	
Item	Description
System	
Form Factor	ATX
Processor	Support LGA1151 Intel® 6/7 <sup>th</sup> generation Core™ i3/i5/i7

System Memory	Support 4 x 2133/2400MHz DDR4 RAM DIMM Max. up to 64GB
Chipset	Intel® Q170
Ethernet	2 x Intel i210 Gigabit LAN
BIOS	AMI 64MB SPI
Watchdog Timer	Support
HW State Monitoring	Monitor the state of voltage, temperature and speed of the fan
Expansion	1x PCIE X16, 3x PCIE X4, 1x PCIE X1, 2x PCI Slots
Battery	Lithium battery
Power Supply	ATX24Pin + 8Pin
Dimension	305mm × 244mm
Operating Temperature	0~60 Celsius Degree
Storage Temperature	-40~80 Celsius Degree
Operating Humidity	0%~90% relative humidity, no condensation
<b>Display</b>	
Controller	Intel® HD Integrated <ul style="list-style-type: none"> <li>• 1 x VGA port Supports the highest resolution 1920 x 1200 @60Hz</li> <li>• 1 x HDMI 1.4 port Supports the highest resolution 4096 x 2304 @ 24Hz</li> <li>• 1 x Display Port Supports the highest resolution 4096 x 2304 @ 60Hz</li> </ul>
<b>I/O</b>	
Storage	4 x SATAIII, supports RAID 0/1/5/10
Serial Port	6 x COM, 2 x RS-232/485 (COM 1&2)
Parallel Port	SPP/EPP/ECP mode
USB	8 x Internal USB2.0, 6 x USB 3.0
PS2	1 x Keyboard / Mouse connector
GPIO	8 x GPIO
Audio	6 Channel HD Audio CODEC, Speak-out, MIC-IN, LINE-IN