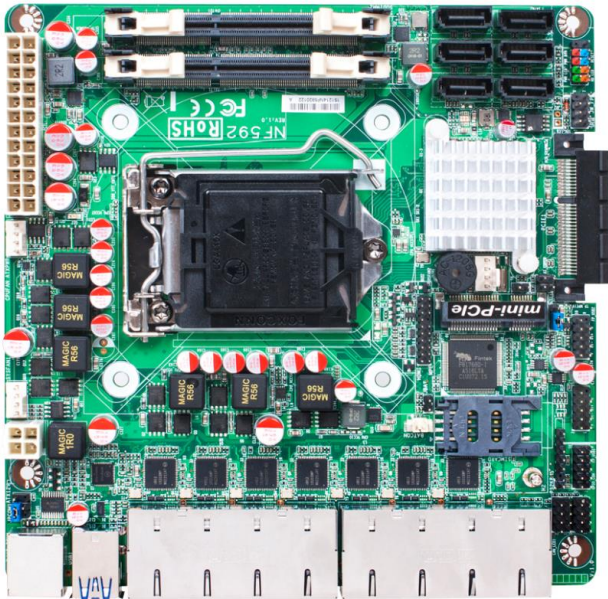
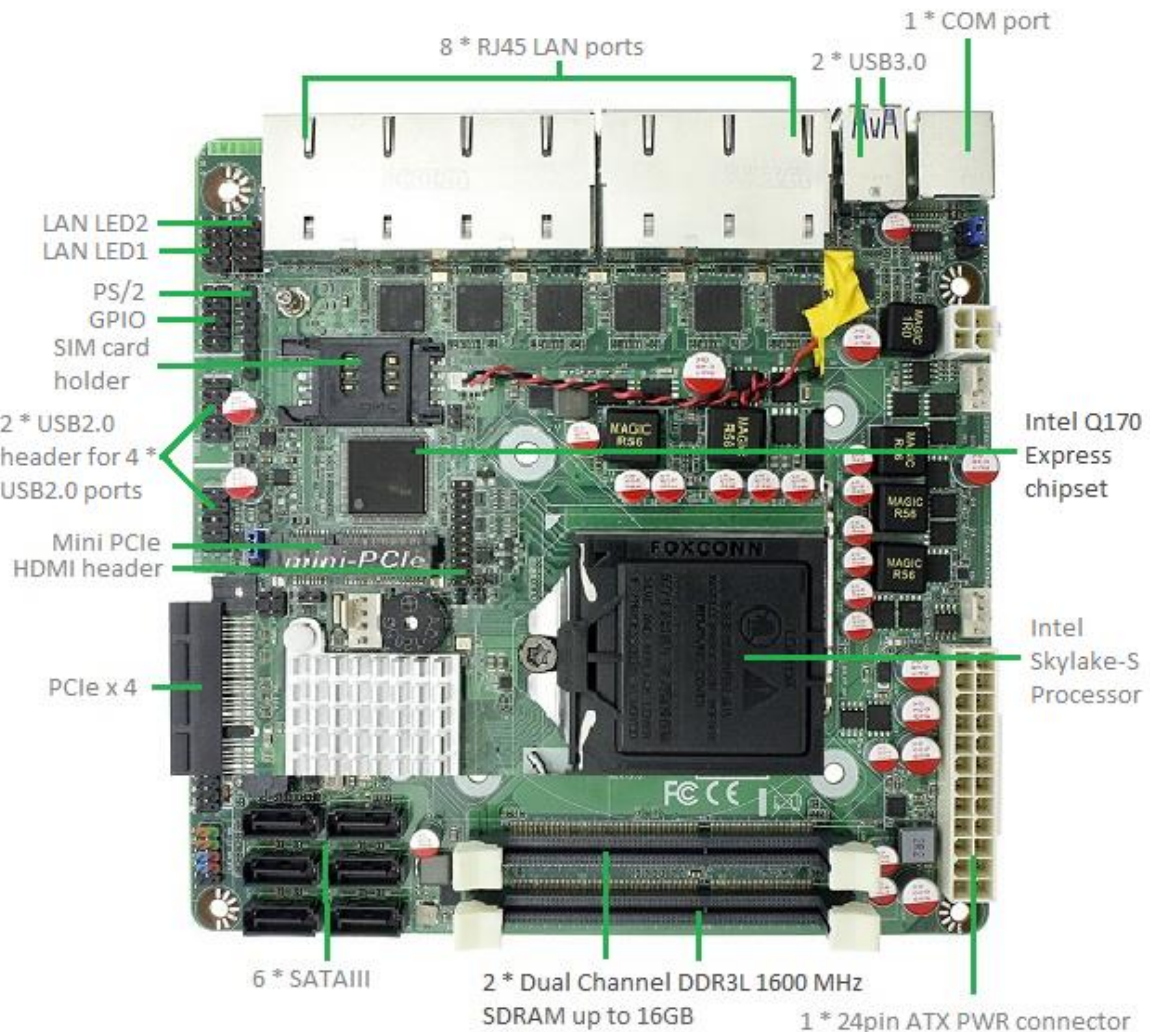
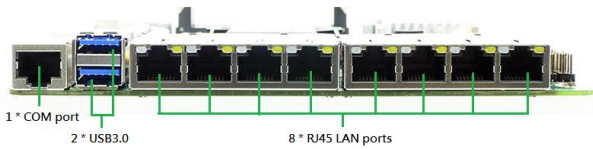


Slim Mini-ITX Motherboard

JNF592-Q170



1. Intel® Q170 Express Chipset
2. Supports Intel LGA 1151 Socket Core™ i3, i5, i7 & Pentium/Celeron Processors (Max. 65W)
3. Supports 2 * Dual Channel DDR3L 1600MHz SO-DIMM up to 16GB
4. 7 * Intel i211AT & 1 * i219LM GbE
5. Support Intel Active Management Technology (iAMT 10.0)
6. 1 x PCIe4 side-slot
7. 6-ports SATA III 6Gb/s support RAID 0, 1, 5, 10
8. 1 * Mini-PCIe slot with SIM card slot
9. 1 * internal HDMI port
10. 2 * USB 3.0, 4 x USB 2.0
11. 1 * Onboard TPM (option)



Product Specifications	
Form Factor	
Dimensions	- Slim Mini-ITX (6.7-in x 6.7-in, 170 x 170mm)
Processor System	
CPU	- Intel® LGA 1151 Socket Core i7/i5/i3/Pentium/Celeron Processor - Supports Hyper-Threading Technology
Core Number	- (By CPU)
Max Speed	- (By CPU)
L2 Cache	- (By CPU)
Chipset	- Intel Q170 Express chipset
BIOS	- AMI 128Mb SMT Flash ROM
Expansion Slot	
Mini-PCIe	- 1 (full size)
PCIe	- 1 x4 side-slot (4 * PCIe1 combo signal)
SIM slot	- 1
Memory	
Technology	- Dual Channel DDR3L 1600MHz SDRAM
Max.	- 16GB
Socket	- 2 x SO-DIMM
Graphics	
Controller	- Intel® Gen9 Graphics supports DX 11/12, OGL4.3/4.4
VRAM	- Shared Memory
HDMI	- 1 (Internal) HDMI supports up to 4096x2160@24Hz
MultiDisplay	- No
Ethernet	
Ethernet	- 10/100/1000 Mbps
Controller	- Intel i211AT * 7 & i219LM * 1 GbE
Connector	- 8 x RJ45
SATA	
Max Data Transfer Rate	- 6 x SATAIII (6.0Gb/s)
Rear I/O	
Ethernet	- 8
USB	- 2 x USB 3.0
Serial	- 1 x RS232 (RJ45 type)
Internal Connector	
USB	- 4 x USB 2.0
SATA	- 6
mPCIe	- 1

Chassis intrusion	- 1
PS/2	- 1
Watchdog Timer	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments, 0,1,2...255sec/min
Power Requirements	
Input PWR	- ATX PWR (4+24 pin)
Power On	AT/ATX Supported - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
Certifications	
Certifications	- CE, FCC, RoHS, REACH
Environment	
Temperature	- Operating: 0°C – 60°C(with 0.7m/s air flow)
	- Storage: -20°C – 85°C

*For further information please visit the website at <http://www.jetwayipc.com>

*The Specification may be changed without further notice.

Standard Accessories

Part Number	Description
	JNF592-Q170 M/B
G01-SATA3-BL-1F	SATA cable
G01-2X10A-HDMI-F	HDMI cable
F04-MB-045-F F04-MB-046-F	I/O Shield