



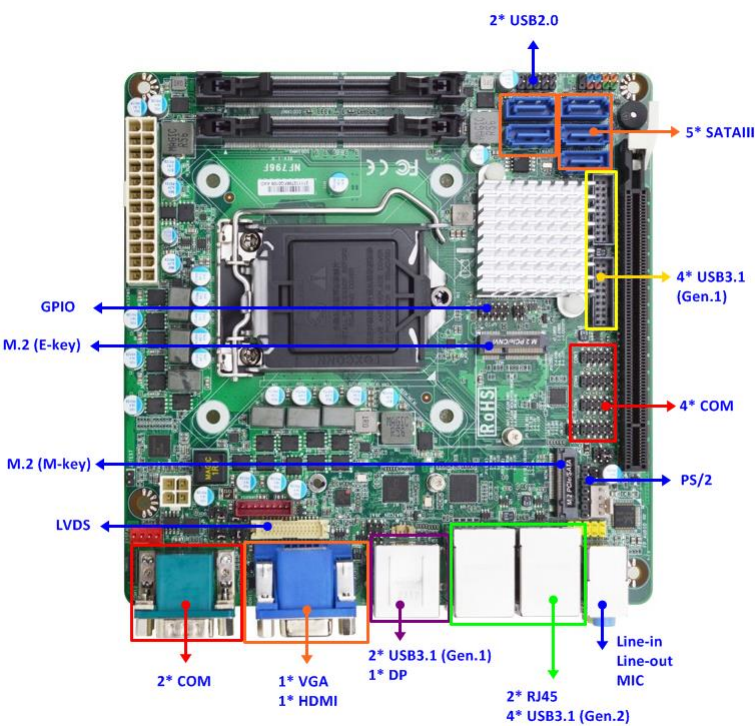
JNF796F-Q370

Intel® 8th/9th Generation Intel® Core™ i7/ i5 /i3, Pentium® LGA1151 Socket Processor, Q370 Chipset, Max. 65W TDP, Support Intel AMT

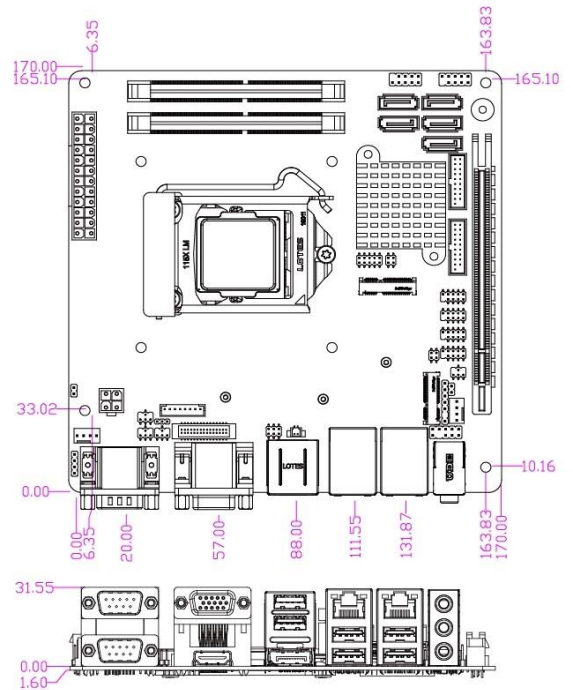
1. Intel® 8/9th LGA1151 Socket Processor (Max. 65W TDP)
2. 2* DDR4 2400/2666MHz SO-DIMM up to 64GB
3. 1* HDMI, 1* DP, 1* VGA, 1* LVDS
4. 2* GbE, 4* RS232, 2* RS232/422/485, 4* USB3.1 (Gen.2), 6* USB3.1 (Gen.1), 2* USB2.0
5. 1* PCIe x16, 1* M.2 M-key 2242/2280 (SATA/PClex4) support NVMe, 1* M.2 E-key 2230 (PClex1/USB2.0) support CNVi, 5* SATAIII
6. Support onboard TPM 2.0 (option)



I/O Diagram



Mechanical Drawings (Unit = mm)



Specifications

Model	Form Factor
JNF796F-Q370	Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)
Processor System	Expansion Slot
<ul style="list-style-type: none">Intel® 8/9th LGA 1151 Socket Core i7/i5/i3/Pentium/Celeron Processor (Max. 65W TDP)Intel Q370 Express chipsetAMI 128Mb Flash ROM BIOS	<ul style="list-style-type: none">1* M.2 E-key 2230 (PCIex1/USB2.0) support CNVi1* PCIex16 slot
Memory	Graphics
2* Dual CH DDR4 2400/2666MHz SDRAM SO-DIMM up to 64GB	<ul style="list-style-type: none">Intel® HD Graphics, shared memory1* VGA (Max Resolution: 1920 x 1200@60Hz)1* LVDS (Max Resolution: 1920 x 1200@60Hz)1* HDMI 1.4 (Max Resolution: 4096 x 2160@30Hz)1* DP (Max Resolution: 4096 x 2304@60Hz)Support Triple Displays
Ethernet	Storage
<ul style="list-style-type: none">1* Intel i219LM GbE1* Intel i211AT GbE	<ul style="list-style-type: none">5* SATAIII (6Gb/s) support RAID 0, 1, 5, 101* M.2 M-key 2242/2280 (SATA/PCIex4) support NVMe
Rear I/O	Internal Connector
<ul style="list-style-type: none">1* VGA1* HDMI1* DP2* RJ454* USB3.1 (Gen. 2)2* USB3.1 (Gen. 1)Line-in, Line-out, MIC2* RS232/422/485	<ul style="list-style-type: none">4* USB3.1 (Gen. 1)2* USB 2.01* PS/21* LVDS / Inverter4* COM5* SATAIII1* M.2 E-key (2230)1* M.2 M-key (2242/2280)1* GPIO (8 bit)1* Chassis intrusion1* Audio Header1* SMBUS1* AT modeSupport onboard TPM2.0 (option)
Audio	Watchdog Timer
6 channel HD audio: Realtek ALC662VD	<ul style="list-style-type: none">From Super I/O to drag RESETCON#256 segments (10sec ~ 255min)
Power	Compliance
ATX PWR (4+24 pin), AT/ATX Supported - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready	CE, FCC, LVD, RoHS, REACH
Temperature	OS Support
<ul style="list-style-type: none">Operating: 0°C ~ 60°CStorage: -20°C ~ 85°CHumidity: 10% ~ 90% RH @40°C (non-condensing)	Windows 10, Linux
Warranty	
2 Years Limited Warranty	

* Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.

Accessories

Parts Number	Description	Parts Number	Description
-----	JNF796F-Q370 M/B	G01-COM-H2M20-1F	COM cable
F04-MB-073-F	JNF796 I/O shield	G01-SATA3-BL-1F	SATAIII cable