

JLA1Q-10

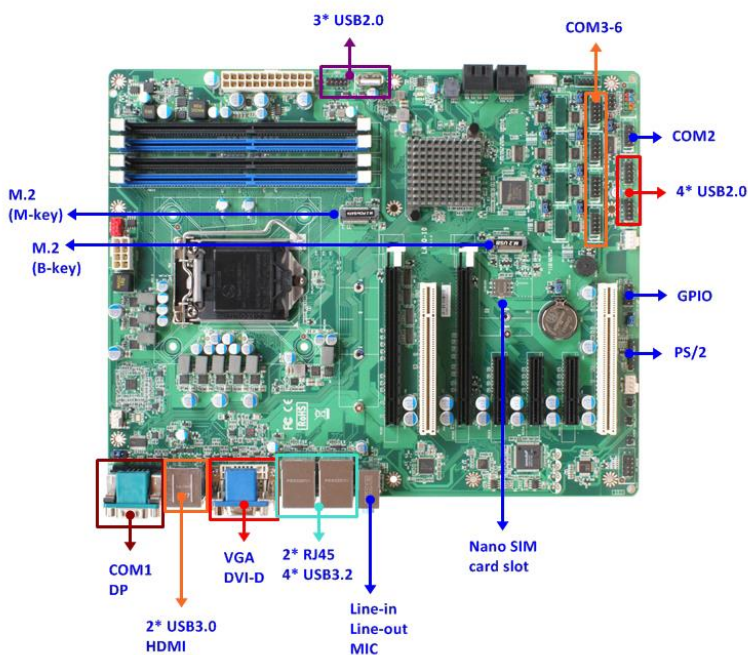
Intel® Coffee Lake-S Q370 Chip, support LGA1151 CPU (Max. 125W), DDR4 up to 128GB

1. Intel® LGA1151 Socket supports 9th/8th Gen Core Processor (Max 125W)
2. Intel® Coffee Lake-S Q370 Chip
3. 4* DDR4 2666/2400/2133MHz up to 128GB
4. 1* Intel® I219LM GbE, 1* Intel® i211AT GbE, 1* M.2 B-key Support 3G/4G Module
5. 4* SATA III (6Gb/s), 1* M.2 (M-key), 2* PCIe x16, 3* PCIe x4, 2* PCI
6. 1* VGA, 1* DVI-D, 1* HDMI, 1* DP, support triple displays
7. 2* RS232/422/485 (COM1/2), 4*RS232
8. 4* USB3.2 (Gen1), 2* USB3.0, 7* USB2.0
9. ATX Power Input
10. ATX Form Factor (305 *244 mm)



I/O Diagram

Mechanical Drawings (Unit = mm)



Specifications

Model	Form Factor
JLA1Q-10	ATX (305 * 244mm)
Processor System	Expansion Slot
- Intel® LGA1151 Socket Supports 9th and 8th Gen Core Processor Max 125W - Intel Q370 Express chipset - AMI 128Mb Flash ROM BIOS	1* M.2 (M-key, 2242/2280/22110, NVMe or SATA) 1* M.2 (B-key, 3042/3052) support 3G/4G Module 4* SATAIII (6.0Gb/s, support RAID 0/1/5/10) 2* PCIe x16 (By CPU) 3* PCIe x4 2* PCI 1* SIM card slot (Nano)
Memory	Graphics
4* DDR4 2666/2400/2133 MHz DRAM up to 128GB	- Intel® HD Graphics, shared memory 1* VGA (Max Resolution: 1920x1200@60Hz) 1* HDMI 1.4 (Max Resolution: 4096x2304@24Hz) 1* DVI-D (Max Resolution: 4096x2304@24Hz) 1* DP (Max Resolution: 4096x2304@60Hz) - Support Triple Displays
Ethernet	Audio
1 * Intel I219LM GbE 1 * Intel i211AT GbE	HD audio: Realtek ALC888S
SATA	Rear I/O
4* SATAIII (6.0Gb/s, support RAID 0/1/5/10)	1* VGA 1* DVI-D 1* HDMI 1* DP 2* RJ45 Ethernet 4* USB 3.2 (Gen. 1) - Line-in, Line-out, MIC 1* RS232/422/485 (support 5/12V TTL)
Internal Connector	Watchdog Timer
6* USB2.0 1* USB2.0 (vertical) 1* PS/2 5* COM (COM2: RS232/422/485, COM3/4/5/6: RS232, support 5/12V TTL) 4* SATAIII (6.0Gb/s) 1* M.2 (M-key) 1* GPIO (8 bit) 1* Chassis intrusion 1* Audio Header 1* SMBUS/I2C 1* AT mode - Support TPM2.0 (option)	- 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, RoHS, REACH
Temperature	OS Support
- Operating: 0°C ~ 60°C - Storage: -20°C ~ 70°C - Humidity: 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.

Standard Accessories

Parts Number	Description	Parts Number	Description
-----	JLA1Q-10 M/B	G01-SATA3-BL-1F	SATAIII cable
F04-MB-007-1F	I/O shield	G01-COM9X3-30A-2F	COM cable