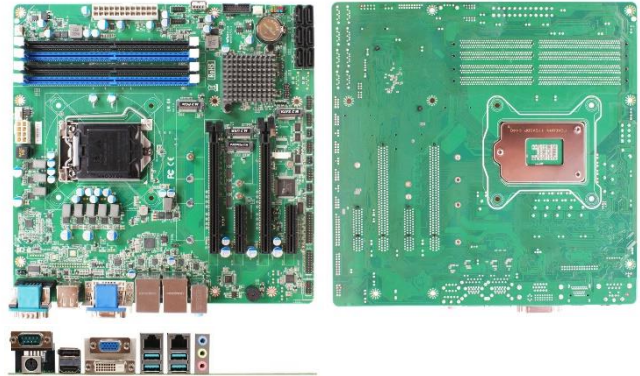


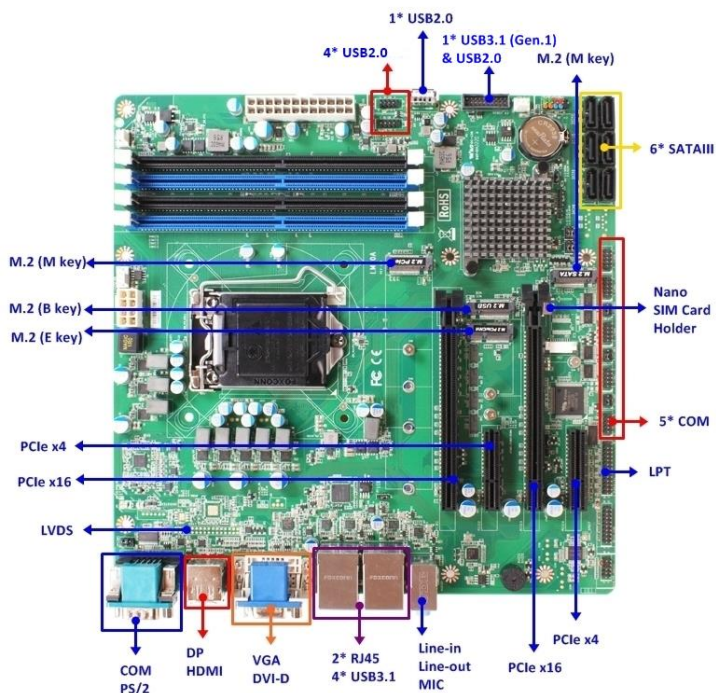
JLM-0A1

Intel® Coffee Lake-S Q370 Chipset, support LGA1151 CPU (Max 95W), DDR4 up to 128GB, 6* SATAIII

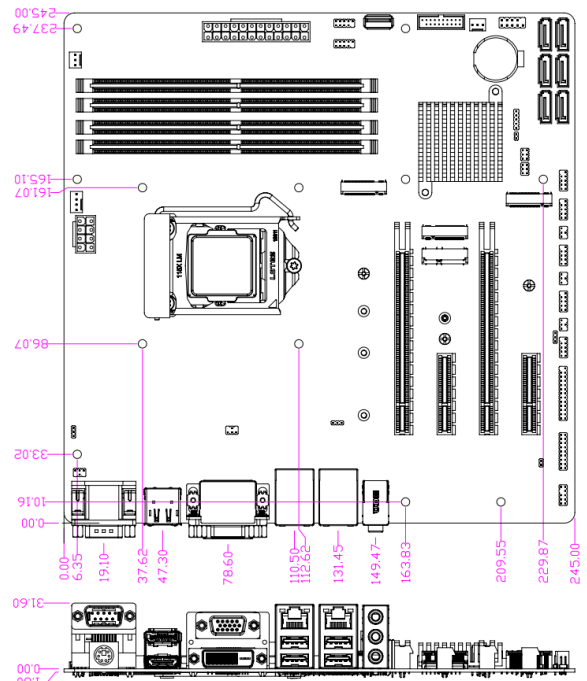
1. Intel® LGA1151 Socket supports 9th/8th Gen. Core Processor (Max 95W)
2. Intel® Coffee Lake-S Q370 Chip
3. Support 4* DDR4 2666/2400/2133MHz up to 128GB
4. 1* Intel® i219-LM GbE + 1* Intel® i211AT GbE
5. 6* SATA III (6Gb/s) & 2* M.2 (M key), 1* M.2 (E key) supports CNVi, 2* PCI-E x16, 2* PCI-E x4
6. VGA/DVI-D/HDMI/DP/LVDS Output
7. 2* RS232/422/485 (COM1/2), 4*RS232
8. 5* USB3.1, 6* USB2.0
9. ATX Power Input
10. Micro ATX Form Factor (244 x 244 mm)



I/O Diagram



Mechanical Drawings (Unit = mm)



Specifications

Model	Form Factor
JLM-0A1	Micro ATX (244 x 244 mm)
Processor System	Expansion Slot
- Intel® LGA1151 Socket supports 9th/8th Gen. Core Processor (Max 95W) - Intel Q370 chipset - AMI 128Mb Flash ROM BIOS	2* M.2 (M key): 1* 2242/2280/22110 (support NVMe), 1* 2242 (SATA interface, co-lay SATA6) 1* M.2 (B key, 3042/3052) support 3G/4G/5G Module 1* M.2 (E key, 2230) support CNVi 6* SATAIII (SATA6 co-lay M.2 2242, support RAID 0/1/5/10) 2* PCI-E x16 2* PCI-E x4 1* SIM card holder (Nano)
Memory	Graphics
4* Long DIMM DDR4 2666/2400/2133 MHz DRAM up to 128GB	- Intel® HD Graphics, shared memory 1* VGA (Max Resolution: 1920x1080@60Hzz, Co-lay LVDS) 1* LVDS (Max Resolution: 1920x1200@60Hz, Co-lay VGA, Option) 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® i219-LM GbE 1* Intel® i211AT GbE	HD audio: Realtek ALC662VD
Rear I/O	Internal I/O
1* VGA 1* DVI-D 1* HDMI 1* DP 2* RJ45 4* USB3.1 - Line-in, Line-out, MIC 1* RS232/422/485 (support 5/12V TTL) 1* PS/2	1* USB 3.1 (Gen.1) 5* USB 2.0 1* USB 2.0 (Erect) 1* LVDS (Co-lay VGA) 5* COM (COM2: RS232/422/485, COM3/4/5/6: RS232, COM2/3/4: Support 5/12V TTL) 6* SATAIII (6.0Gb/s, SATA6 co-lay M.2 M key) 4* M.2 (2* M key, 1* E key, 1* B key) 1* Parallel 1* GPIO (16 bit) 1* Chassis intrusion 1* Audio Header 1* SMBUS/I2C 1* AT mode 1* TPM2.0 (Option)
SATA	Watchdog Timer
6* SATAIII (6.0Gb/s, support RAID 0/1/5/10)	- From Super I/O to drag RESETCON# 256 segments (10sec ~ 255min)
Power	Compliance
ATX PWR (8+24 pin) - 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 ~ 85°C - Humidity : 10% ~ 90% RH @40°C (non-condensing)	
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
-----	JLM-0A1 M/B	G01-COM-H2M30D-F	3* COM cable
G01-SATA3-BL-1F	2* SATAIII cable	F04-MB-079-F	LM0A1 I/O Shield