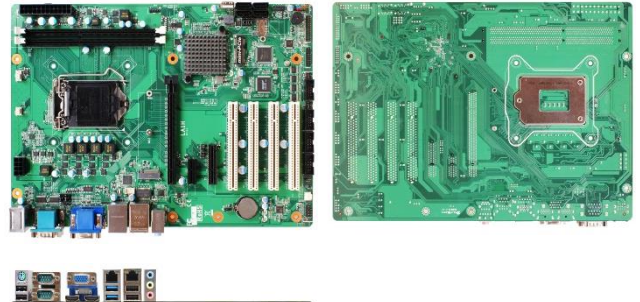


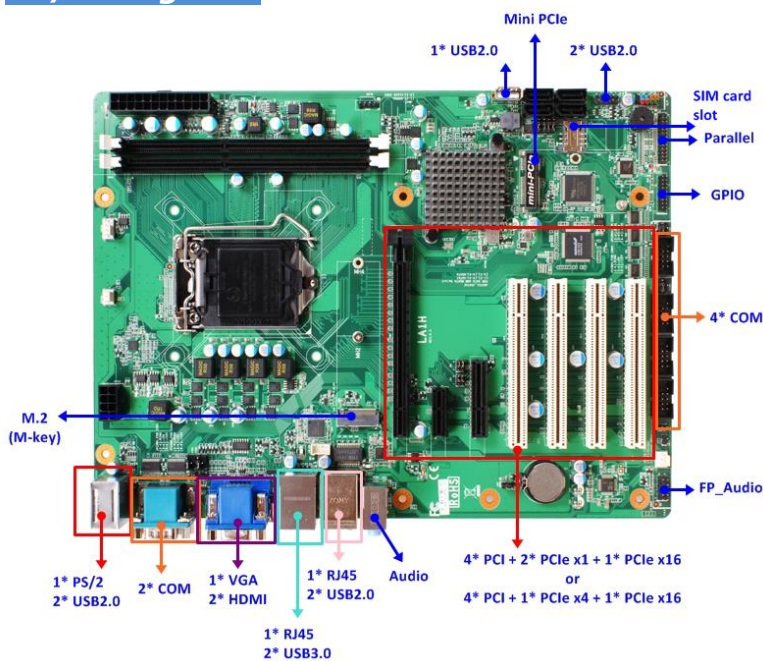
JLA1H-00 Series

Intel® Lynx Point H81 Chip, support LGA1150 CPU (Max 90W), DDR3 up to 16GB

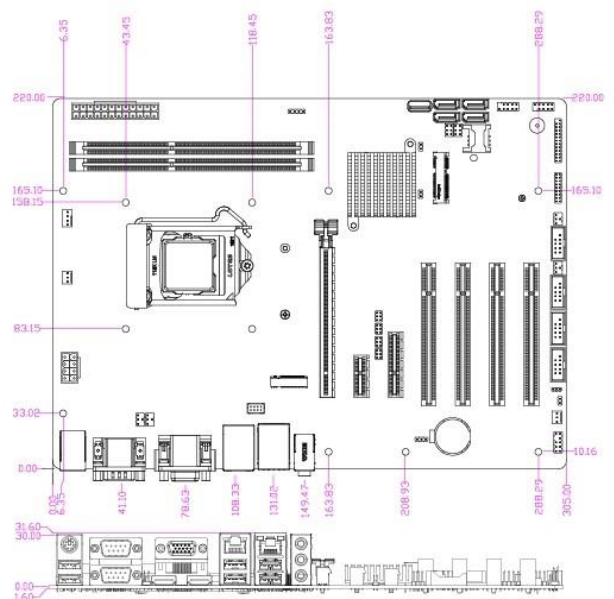
1. Intel® LGA1150 Socket support 4th Gen. Core Processor (Max. 90W)
2. Intel® Lynx Point H81 Chip
3. 2* DDR3/DDR3L 1600/1333MHz up to 16GB
4. Realtek HD Audio
5. 1* Intel® i217LM GbE, 1* Intel® i211AT GbE
6. 4* SATA, 1* M.2 (M key), 1* PCIe x16, 1* PCIe x4, 1* PCIe x1, 4* PCI
7. 1* VGA, 2* HDMI
8. 2* RS232/422/485 (COM1/2), 4* RS232, 2* USB3.0, 7* USB2.0
9. ATX Power Input
10. ATX Form Factor (305 * 220 mm)



I/O Diagram



Mechanical Drawings (Unit = mm)



Specifications

Model	Form Factor
- JLA1H-00 - JLA1H-0A (Without Audio function)	ATX (305 * 220mm)
Processor System	Expansion Slot
- Intel® LGA1150 Socket supports 4th Gen. Core Processor (Max. 90W) - Intel® H81 Express chipset - AMI 32Mb Flash ROM BIOS	1* M.2 (M-key, 2242/2280, SATA Interface, CO-lay SATA4) 1* Mini PCIe, full size (USB2.0 interface) 4* SATA4 (Co-lay M.2) 1* PCIe x16 + 1* PCIe x4 slot or 1* PCe x6 + 2* PCIe x1 slot 4* PCI slots
Memory	Graphics
2* LONG DIMM DDR3/DDR3L 1600/1333MHz DRAM up to 16GB	- Intel® HD Graphics, shared memory 1* VGA (Max Resolution: 1920x1080@60Hz) 2* HDMI 1.4 (Max Resolution: 2560x1600@60Hz) - Support Dual Displays
Ethernet	Audio
1* Intel i217LM GbE 1* Intel i211AT GbE	HD audio: Realtek codec (JLA1H-00)
SATA	Rear I/O
2* SATAIII (6.0Gb/s) 2* SATAII (3.6Gb/s)	1* VGA 2* HDMI 2* RJ45 2* USB3.0 4* USB2.0 - Line-in, Line-out, MIC 2* RS232/422/485 (support 5/12V TTL) 1* PS/2
Internal Connector	Watchdog Timer
2* USB 2.0 1* USB2.0 (Erect) 4* RS232 (COM3/4 support 5/12V TTL) 1* Parallel (Co-lay GPIO) 1* GPIO (16 bit, Co-lay Parallel) 1* SIM Card slot 1* Chassis intrusion 1* Audio Header 1* SMBUS / I2C 1* AT mode 1* TPM2.0 (option)	- From Super I/O to drag RESETCON# 256 segments (10sec ~ 255min)
Power	Compliance
ATX PWR, 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 7, 8, 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
-----	JLA1H-00 Series M/B	G01-SATA3-BL-1F	SATA3 cable 50cm Blue w/LOCK
F04-MB-060-F	I/O shield	G01-COM9X3-30A-2F	COM cable