

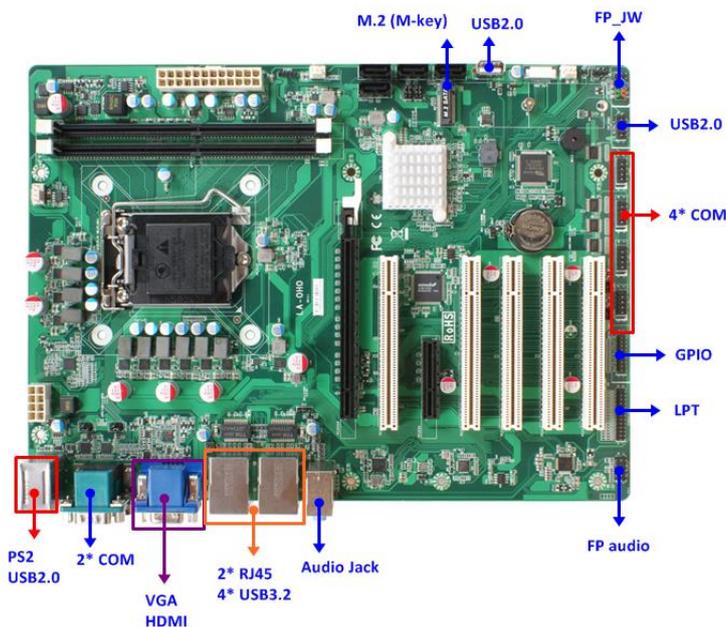
## JLA0H-00 Series

Intel® Comet Lake-S H410 Chip, support LGA1200 CPU (Max. 100W), DDR4 up to 64GB

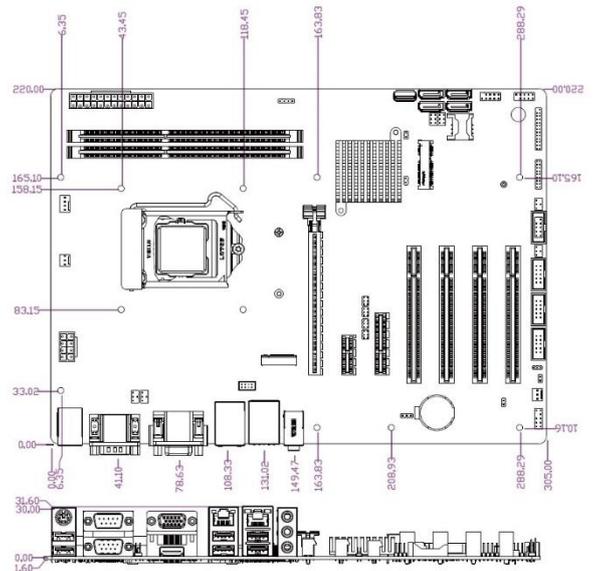
1. Intel® LGA1200 Socket supports 10th Gen. Core Processor (Max. 100W)
2. Intel® Comet Lake-S H410 Chip
3. 2\* DDR4 2933/2666MHz up to 64GB
4. Realtek HD Audio
5. 1\* Intel® i225-LM 2.5GbE, 1\* Intel® i219-LM GbE
6. 4\* SATA III (6Gb/s), 1\* M.2 (M key), 1\* PCI-E x16, 1\* PCI-Ex4, 5\* PCI slots
7. 2\* RS232/422/485 (COM1/2), 4\* RS232, 4\* USB3.2, 5\* USB2.0
8. Support VGA / HDMI Output
9. ATX Power Input
10. ATX Form Factor (305 \* 220 mm)



### I/O Diagram



### Mechanical Drawings (Unit = mm)



## Specifications

<b>Model</b>	<b>Form Factor</b>
<ul style="list-style-type: none"><li>JLA0H-00</li><li>JLA0H-02: Support TPM2.0</li></ul>	ATX (305 * 220mm)
<b>Processor System</b>	<b>Expansion Slot</b>
<ul style="list-style-type: none"><li>Intel® LGA1200 Socket supports 10th Gen. Core Processor (Max. 100W)</li><li>Intel® H410 Express chipset</li><li>AMI 256Mb Flash ROM BIOS</li></ul>	<ul style="list-style-type: none"><li>1* M.2 (M-key, 2242/2280, SATA Interface, CO-lay SATA4)</li><li>4* SATA4 (Co-lay M.2)</li><li>1* PCIe x16 + 1* PCIe x4 slot</li><li>5* PCI slots</li></ul>
<b>Memory</b>	<b>Graphics</b>
2* LONG DIMM DDR4 2933/2666 MHz DRAM up to 64GB	<ul style="list-style-type: none"><li>Intel® HD Graphics, shared memory</li><li>1* VGA (Max Resolution: 1920x1080@60Hz)</li><li>1* HDMI 1.4 (Max Resolution: 4096x2160@30Hz)</li><li>Support Dual Displays</li></ul>
<b>Ethernet</b>	<b>Audio</b>
<ul style="list-style-type: none"><li>1* Intel® i225-LM 2.5GbE</li><li>1* Intel® i219-LM GbE</li></ul>	<ul style="list-style-type: none"><li>HD audio: Realtek ALC662 or ALC888</li><li>Line-Out, Line-in, MIC</li></ul>
<b>SATA</b>	<b>Rear I/O</b>
4* SATAIII (6.0Gb/s)	<ul style="list-style-type: none"><li>1* VGA</li><li>1* HDMI</li><li>2* RJ45</li><li>4* USB3.2 (Gen. 1)</li><li>2* USB2.0</li><li>Line-in, Line-out, MIC</li><li>2* RS232/422/485 (support 5/12V TTL)</li><li>1* PS/2</li></ul>
<b>Internal Connector</b>	<b>Watchdog Timer</b>
<ul style="list-style-type: none"><li>2* USB 2.0</li><li>1* USB2.0 (Erect)</li><li>4* RS232 (COM3/4 support 5/12V TTL)</li><li>4* SATAIII (6.0Gb/s , SATA4 Co-lay M.2 M key)</li><li>1* Parallel (Co-lay GPIO)</li><li>1* GPIO (16 bit, Co-lay Parallel)</li><li>1* Chassis intrusion</li><li>1* Audio Header</li><li>1* SMBUS / I2C</li><li>1* AT mode</li><li>1* TPM2.0 (option)</li></ul>	<ul style="list-style-type: none"><li>From Super I/O to drag RESETCON#</li><li>256 segments (10sec ~ 255min)</li></ul>
<b>Power</b>	<b>Compliance</b>
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
<b>Temperature</b>	<b>OS Support</b>
<ul style="list-style-type: none"><li>Operating: 0°C ~ 60°C</li><li>Storage: -20°C ~ 85°C</li><li>Humidity: 10% ~ 90% RH @40°C (non-condensing)</li></ul>	Windows 10, Linux
<b>Warranty</b>	
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
-----	JLA0H-00 Series M/B	G01-SATA3-BL-1F	2* SATA3 cable 50cm Blue w/LOCK
F04-MB-059-2F	I/O shield	G01-COM9X2-30A-1F	1* COM9x2 cable K=10 30cm