



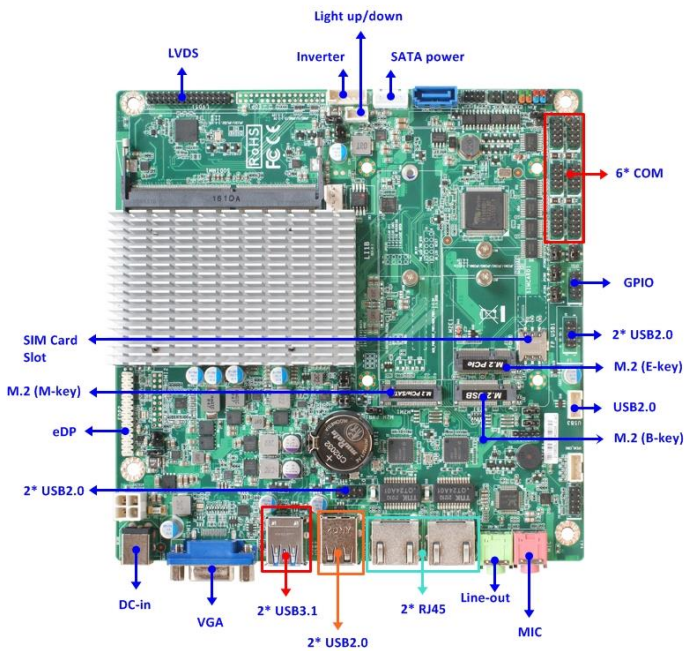
JLI1B-0L Series

Intel® Elkhart Lake J6412 CPU, DDR4 up to 16GB

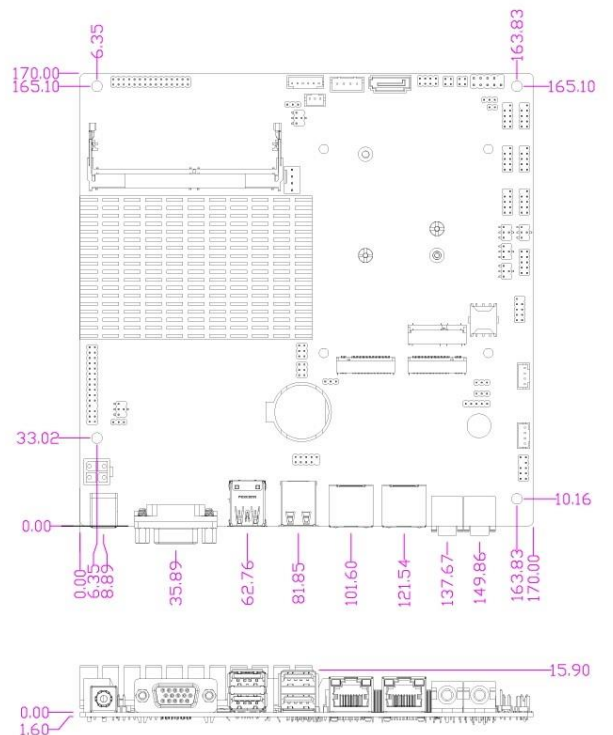
1. Intel® Elkhart Lake J6412 2.0GHz/QC Core MCP Processor (Turbo 2.6GHz)
2. Support 1* DDR4 3200MHz up to 16GB
3. 1* VGA, 1* eDP, 1* LVDS
4. 2* Intel® i211AT GbE, 2* RS232/422/485, 4* RS232, 2* USB3.1(Gen1), 7* USB2.0
5. 1* SATA III (6Gb/s), 1* M.2 M-key, 1* M.2 E-key support WIFI/BT Module, 1*M.2 B-key support 4G/5G Module
6. 12V DC in
7. Thin Mini ITX Form Factor (170 *170 mm)
8. JLIB-0L2 support TPM2.0 (option)



I/O Diagram



Mechanical Drawings (Unit = mm)



Specifications

Model	Form Factor
<ul style="list-style-type: none">JLI1B-0LJLIB-0L2 (TPM2.0)	Mini ITX (170 * 170mm)
Processor System	Expansion Slot
<ul style="list-style-type: none">Intel® Elkhart lake J6412 Quad Core MCP Processor, 2.0GHz/10W, Turbo 2.6GHzIntel SoC chipsetAMI 128Mb Flash ROM BIOS	<ul style="list-style-type: none">1* M.2 E-key (2230, Support WIFI/BT Module)1* M.2 B-key (3042/3052, Support 4G/5G Module)1* SIM Card Holder (Nano)
Memory	Graphics
1* DDR4 3200MHz DRAM SO-DIMM up to 16GB	<ul style="list-style-type: none">Intel® HD Graphics, shared memory1* VGA (Max Resolution : 2560x1600@60Hz, Co-lay HDMI)1* LVDS (Max Resolution : 2560x1600@60Hz, Co-lay eDP)1* eDP (Max Resolution : 4096x2304@60Hz, Co-lay HDMI)Support Triple Displays
Ethernet	Audio
2* Intel® i211AT GbE	<ul style="list-style-type: none">Realtek HD Audio3W AMP speaker
Storage	Rear I/O
<ul style="list-style-type: none">1* M.2 M-key (2242/2280, SATA or NVMe- PCI-Ex2)1* SATAIII (6.0Gb/s)	<ul style="list-style-type: none">1* VGA2* RJ452* USB3.1 (Gen1)2* USB2.0Line-out, MIC12V DC-in
Internal Connector	Watchdog Timer
<ul style="list-style-type: none">5* USB2.02* RS232/422/4854* RS2321* SATAIII (6.0Gb/s)1* SATA Power3* M.2 (M-key, E-key, B-key)1* GPIO (8 bit, 5V)1* AT mode1* I2C/SMBUS1* FP_Audio1* Speaker1* CPU FANJLIB-0L2 support TPM2.0 (Option)	<ul style="list-style-type: none">From Super I/O to drag RESETCON#256 segments (10sec ~ 255min)
Power	Compliance
DC-in 12V, 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
<ul style="list-style-type: none">Operating: 0°C ~ 50°CStorage: -20°C ~ 70°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
-----	JLI1B-0L/JLIB-0L2 M/B	G01-XH4-SA15A-30F	SATA Power cable
F04-MB-054-F	IO Shield	G01-SATA3-BL-1F	SATAIII cable
		G01-COM-H2M20-1F	COM cable