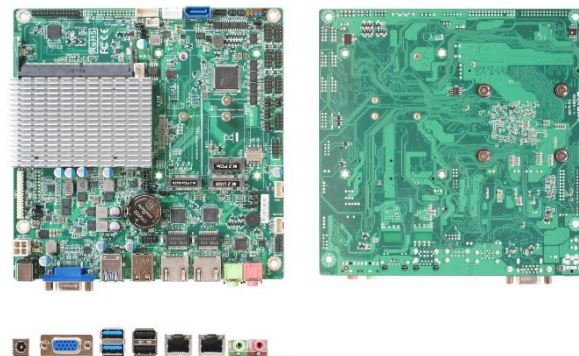


JLI1BV-0L Series

Intel® Elkhart Lake J6412 CPU, DDR4 up to 32GB, 2* 2.5GbE

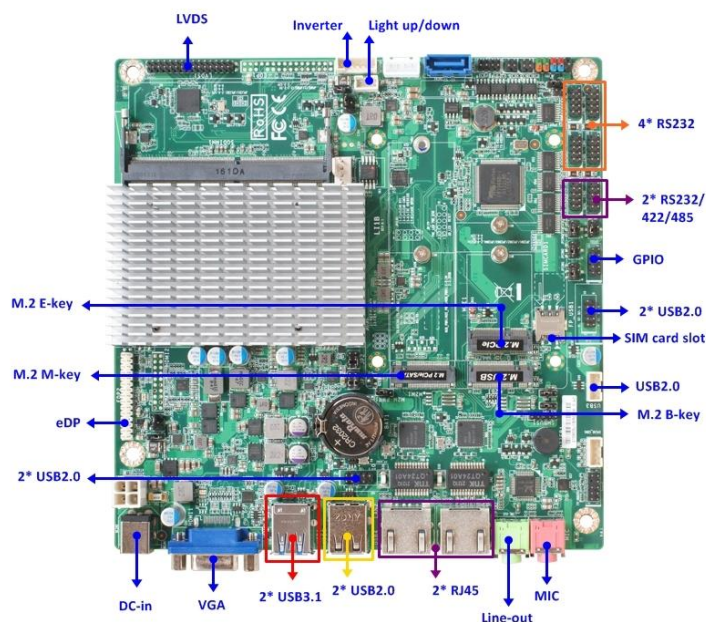
Features

1. Intel® Elkhart Lake J6412 2.0GHz/QC Core MCP Processor (Turbo 2.6GHz)
2. 1* DDR4 3200MHz up to 32GB
3. Realtek HD Audio
4. 2* Intel® i225V 2.5GbE
5. 1* SATAIII, 1* M.2 (M-key)
6. 1* VGA, 1* eDP, 1* LVDS
7. 2* RS232/422/485, 4* RS232, 2* USB3.1 (Gen. 1), 7* USB2.0
8. 1* M.2 E key Support WIFI/BT Module , 1* M.2 B key Support 4G/5G Module
9. 12V DC-in
10. Thin MINI ITX Form Factor (170 *170 mm)

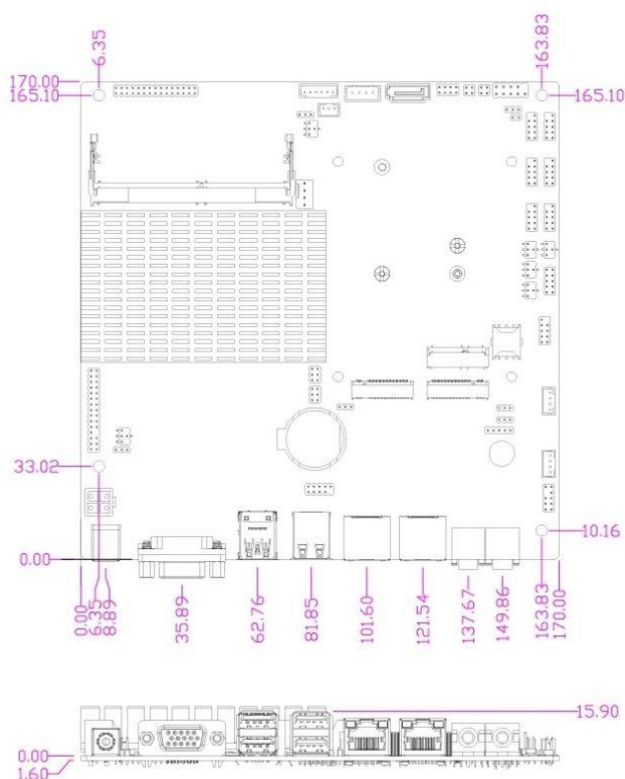


intel. FC CE RoHS COMPLIANT

I/O Diagram



Mechanical Drawings (Unit=mm)



Specifications

Model - JLI1BV-0L - JLI1BV-0L2 (TPM2.0)	Form Factor ITX (170 * 170mm)
Processor System - Intel® Elkhart lake J6412 Quad Core MCP SoC Processor - JLI1BV-0L (Quad Core 2.0GHz/10W, Turbo 2.6GHz) - AMI 128M Flash ROM	Memory 1* DDR4 3200MHz SO-DIMM up to 32GB
Storage 1* SATAIII (6.0 Gb/s) 1* M.2 M-key (2242/2280, SATA or NVMe- PCIe x2)	Expansion 1* M.2 E-key (2230, support WIFI/BT Module) 1* M.2 B-key (3042/3052, support 4G/5G Module) 1* Nano SIM card slot
Ethernet 2* Intel® i225V 2.5GbE	Graphics - Intel® HD Graphics, shared memory 1* 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
Audio - Realtek HD Audio 3W Speaker Amplifier	Watchdog Timer - From Super I/O to drag RESETCON# 256 segments (10sec ~ 255min)
Internal I/O 5* USB2.0 2* RS232/422/485 4* RS232 1* SATAIII, 1* SATA Power 3* M.2 (M key + E key + B key) 1* GPIO (8 bit, 5V) 1* AT mode 1* I2C/SMBUS 1* FP_Audio 1* Speaker 1* TPM2.0 (Option) 1* CPU FAN	External I/O 1* VGA 2* RJ45 2* USB3.1 (Gen. 1) 2* USB2.0 - Line-out - MIC 12V DC-in
Power 12V DC-in, AT/ATX Supported - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready	Compliance CE, FCC, RoHS, REACH
Temperature - Operating Temperature: 0 ~ 60° C - Storage Temperature: -20 ~ 70° C - Humidity: 10% ~ 90% RH @40°C (non-condensing)	OS Support 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

Part Number	Description
JLI1BV-0L Series	JLI1BV-0L / JLIBV-0L2 (TPM2.0) M/B
G01-SATA3-BL-1F	SATAIII cable
G01-XH4-SA15A-30F	SATA Power cable
G01-COM-H2M22-1F	COM9 cable
F04-MB-054-F	I/O Shield
F04-MB-061-F	I/O Shield