



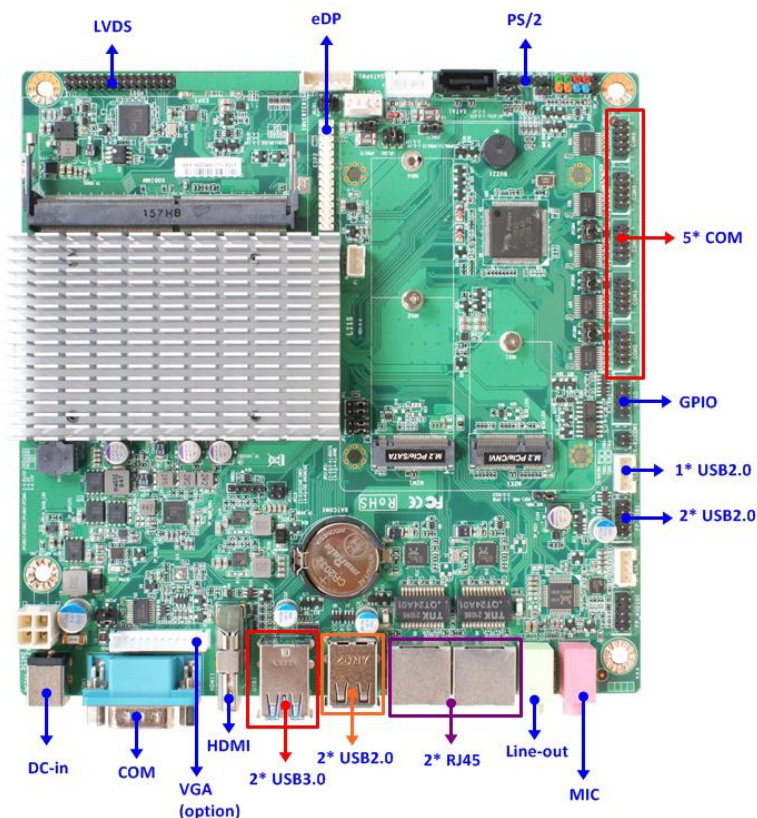
JLI1S-5L

Intel® Gemini Lake J4125 CPU, DDR4 2400MHz up to 8GB, support Triple Displays, Thin Mini ITX Embedded Board

1. Intel® Gemini Lake J4125 2.0GHz Quad Core MCP Processor (10W, Turbo 2.7GHz)
2. 1* DDR4 2400MHz SO-DIMM up to 8GB
3. 2* Realtek® RTL8119I GbE, 1* M.2 E-key support WIFI/BT
4. 1* SATAIII, 1* M.2 M-key
5. 1* HDMI, 1* eDP, 1* LVDS
6. 2* RS232/485, 4* RS232, 2* USB3.0, 5* USB2.0
7. 12V DC-in
8. Thin Mini ITX Form Factor (170 x 170 mm)



I/O Diagram



Mechanical Drawings (Unit = mm)

Specifications

Model	Form Factor
JLI1S-5L	Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)
Processor System	Expansion Slot
- Intel® Gemini Lake J4125 2.0GHz/QC Core MCP Processor (10W, Turbo 2.7GHz) - Intel J4125 SoC chipset - AMI 128Mb Flash ROM BIOS	1 * M.2 E-key (2230, support WIFI/BT Module)
Memory	Graphics
1 * DDR4 2400MHz SDRAM SO-DIMM up to 8GB	- Intel® 600 series Graphics, shared memory 1 * HDMI1.4 (Max Resolution : 3840x2160@24Hz, Co-lay VGA) 1 * LVDS (Max Resolution : 2560x1600@60Hz, Co-lay eDP) 1 * eDP (Max Resolution : 3840x2160@60Hz) - Support Triple Displays
Ethernet	Audio
2 * Realtek® RTL8119I GbE	- Realtek HD audio 3W speaker amplifier
Storage	Rear I/O
1 * SATAIII (6Gb/s) 1 * M.2 M-key (2242/2280, SATA or NVMe PCIe2)	1 * HDMI 1 * RS232 2 * RJ45 2 * USB3.0 2 * USB2.0 - Line-out/MIC 12V DC-in
Internal Connector	Watchdog Timer
3 * USB2.0 2 * RS232/485 2 * RS232 1 * SATAIII 1 * SATA power 2 * M.2 (1 * M-key, 1 * E-key) 8bit GPIO (5V) 1 * AT mode 1 * I2C/SMBUS 1 * FP_Audio 1 * speaker 1 * CPU Fan (W/O Smart FAN)	- From Super I/O to drag RESETCON# 256 segments (10sec ~ 255min)
Power	Compliance
12V DC-in, 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 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
-----	JLI1S-5L M/B	G01-SATAL-RD30-F	SATA Cable L-Type
F04-MB-075-F	I/O shield	G01-COM-H2M20-1F	COM9 cable