

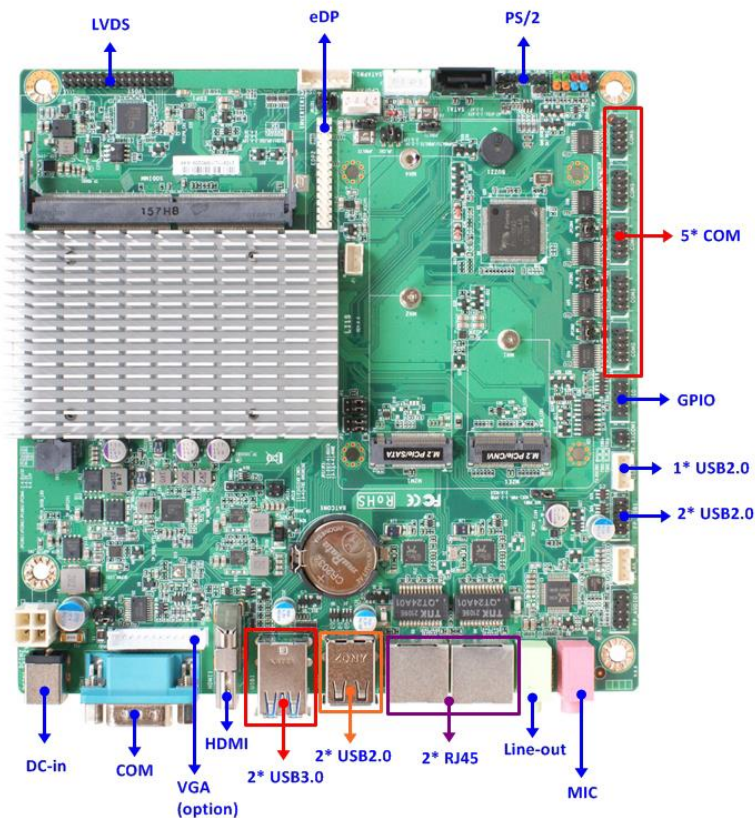
## JLI1S-5L

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

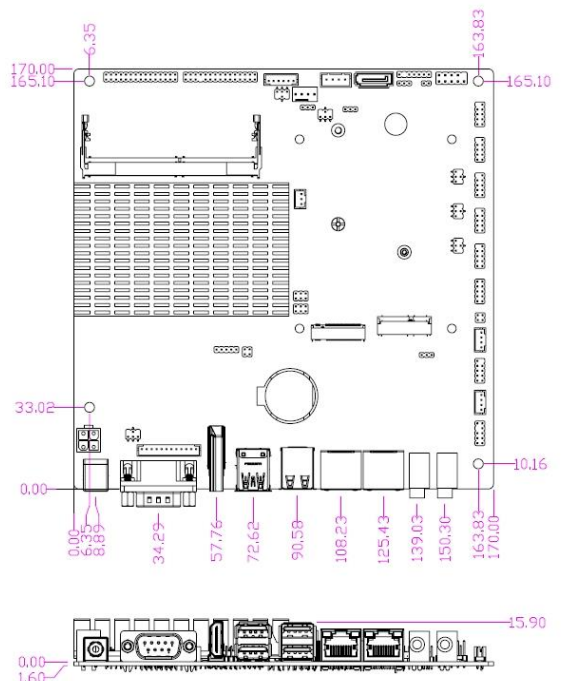
1. Intel® Gemini Lake J4125 2.0GHz Quad Core MCP Processor (10W, Turbo 2.7GHz)
2. 1\* DDR4 2400MHz SO-DIMM up to 8GB
3. 2\* Realtek® RTL8119I GbE, 1\* M.2 E-key support WIFI/BT
4. 1\* SATAIII, 1\* M.2 M-key
5. 1\* HDMI, 1\* eDP, 1\* LVDS
6. 2\* RS232/485, 4\* RS232, 2\* USB3.0, 5\* USB2.0
7. 12V DC-in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



### I/O Diagram



### Mechanical Drawings (Unit = mm)



## Specifications

<b>Model</b>	<b>Form Factor</b>
JLI1S-5L	Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)
<b>Processor System</b>	<b>Expansion Slot</b>
<ul style="list-style-type: none"><li>Intel® Gemini Lake J4125 2.0GHz/QC Core MCP Processor (10W, Turbo 2.7GHz)</li><li>Intel J4125 SoC chipset</li><li>AMI 128Mb Flash ROM BIOS</li></ul>	1* M.2 E-key (2230, support WIFI/BT Module)
<b>Memory</b>	<b>Graphics</b>
1* DDR4 2400MHz SDRAM SO-DIMM up to 8GB	<ul style="list-style-type: none"><li>Intel® 600 series Graphics, shared memory</li><li>1* HDMI1.4 (Max Resolution : 3840x2160@24Hz, Co-lay VGA)</li><li>1* LVDS (Max Resolution : 2560x1600@60Hz, Co-lay eDP)</li><li>1* eDP (Max Resolution : 3840x2160@60Hz)</li><li>Support Triple Displays</li></ul>
<b>Ethernet</b>	<b>Audio</b>
2* Realtek® RTL8119I GbE	<ul style="list-style-type: none"><li>Realtek HD audio</li><li>3W speaker amplifier</li></ul>
<b>Storage</b>	<b>Rear I/O</b>
<ul style="list-style-type: none"><li>1* SATAIII (6Gb/s)</li><li>1* M.2 M-key (2242/2280, SATA or NVMe PCIe2)</li></ul>	<ul style="list-style-type: none"><li>1* HDMI</li><li>1* RS232</li><li>2* RJ45</li><li>2* USB3.0</li><li>2* USB2.0</li><li>Line-out/MIC</li><li>12V DC-in</li></ul>
<b>Internal Connector</b>	<b>Watchdog Timer</b>
<ul style="list-style-type: none"><li>3* USB2.0</li><li>2* RS232/485</li><li>2* RS232</li><li>1* SATAIII</li><li>1* SATA power</li><li>2* M.2 (1* M-key, 1* E-key)</li><li>8bit GPIO (5V)</li><li>1* AT mode</li><li>1* I2C/SMBUS</li><li>1* FP_Audio</li><li>1* speaker</li><li>1* CPU Fan (W/O Smart FAN)</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>
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
<b>Temperature</b>	<b>OS Support</b>
<ul style="list-style-type: none"><li>Operating: 0°C ~ 60°C</li><li>Storage: -20°C ~ 70°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
-----	JLI1S-5L M/B	G01-SATAL-RD30-F	1* SATA Cable L-Type
F04-MB-075-F	I/O shield	G01-COM-H2M20-1F	2* COM9 cable
F04-MB-089-F	I/O shield		