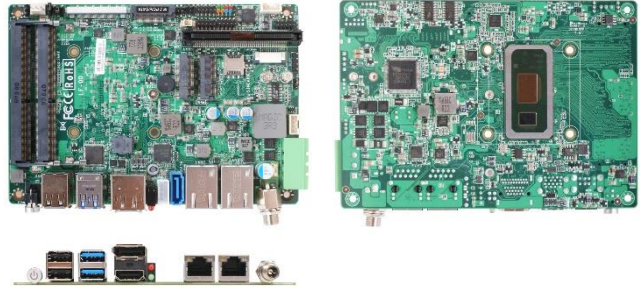


# JLF0DV-E0 Series

Intel® Comet Lake-U Celeron 5205U CPU, DDR4 up to 64GB, 1\* GbE, 1\* 2.5GbE, support Wide Voltage 12~36V DC-in

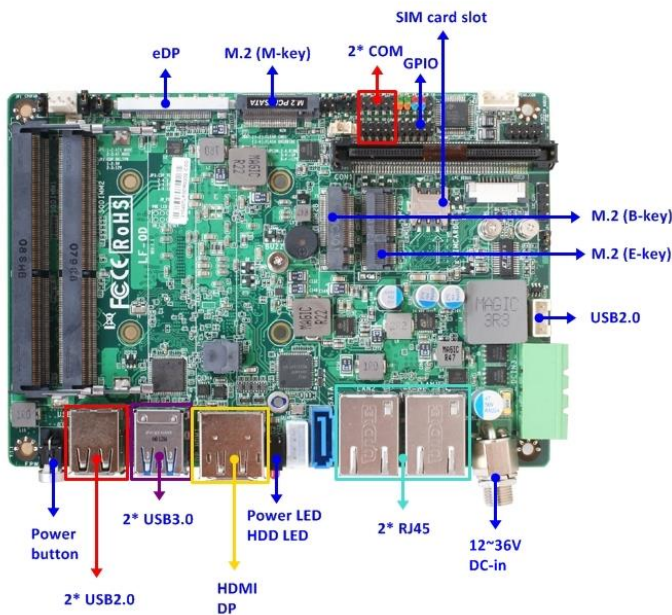
## Features

1. Intel® 10th Gen Comet Lake Celeron 5205U 1.9GHz/DC Core MCP Processor
2. 2\* DDR4 2400MHz, up to 64GB
3. 1\* Intel® I219LM GbE, 1\* Intel® i225-V 2.5GbE
4. 1\* SATA III (6Gb/s), 1\* M.2 (M-key), 1\* M.2 E-key Support CNVi, 1\* M.2 B-key Support 4G/5G Module
5. 1\* HDMI/DP + 1\* eDP
6. 2\* RS232/422/485, 2\* USB3.0, 3\* USB2.0
7. 12~36V DC in
8. 3.5" Form Factor (146 \* 102 mm)
9. JLF0DV-E2 support TPM2.0 (option)

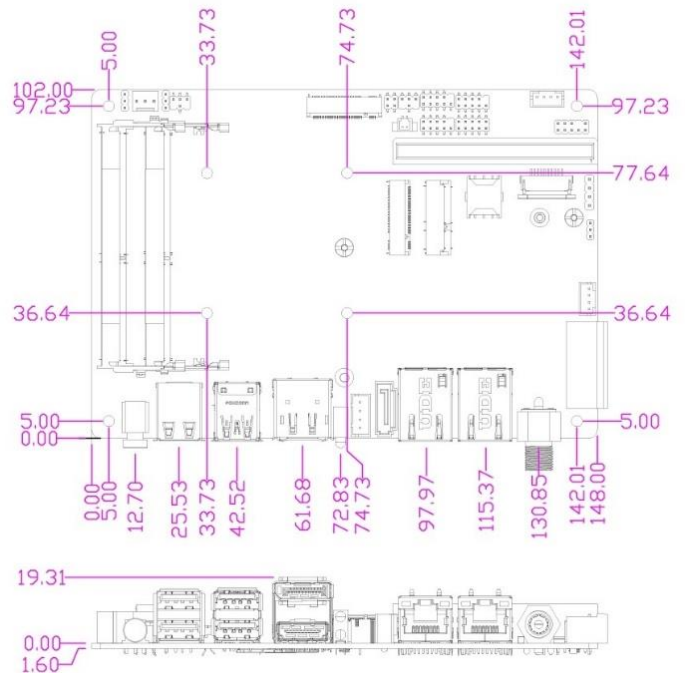


intel. FC CE RoHS COMPLIANT

## I/O Diagram



## Mechanical Drawings (Unit=mm)



## Specifications

<b>Model</b> <ul style="list-style-type: none"><li>JLF0DV-E0</li><li>JLF0DV-E2 (TPM2.0)</li></ul>	<b>Form Factor</b> <p>3.5" (146 * 102mm)</p>
<b>Processor System</b> <ul style="list-style-type: none"><li>Intel® 10th Gen Comet lake Celeron 5205U Dual Core MCP Processor</li><li>Intel SoC chipset</li><li>AMI 128Mb Flash ROM BIOS</li></ul>	<b>Memory</b> <p>2* DDR4 2400MHz DRAM SO-DIMM up to 64GB</p>
<b>Storage</b> <ul style="list-style-type: none"><li>1* M.2 M-key (2242/2280, SATA or NVMe- PCI-Ex4)</li><li>1* SATAIII (6.0Gb/s)</li></ul>	<b>Expansion</b> <ul style="list-style-type: none"><li>1* M.2 E-key (2230, Support CNVi)</li><li>1* M.2 B-key (3042/3052, Support 4G/5G Module)</li><li>1* SIM Card Holder (Nano)</li></ul>
<b>Ethernet</b> <ul style="list-style-type: none"><li>1* Intel® i219LM GbE</li><li>1* Intel® i225-V 2.5GbE</li></ul>	<b>Graphics</b> <ul style="list-style-type: none"><li>Intel® HD Graphics, shared memory</li><li>1* HDMI 1.4 (Max Resolution: 4096x2304@30Hz)</li><li>1* DP (Max Resolution: 4096x2304@60Hz)</li><li>1* eDP (Max Resolution: 4096x2304@60Hz)</li><li>Support Triple Displays</li></ul>
<b>Audio</b> <ul style="list-style-type: none"><li>USB Audio codec</li><li>3W Amplifier speaker</li></ul>	<b>Watchdog Timer</b> <ul style="list-style-type: none"><li>From Super I/O to drag RESETCON#</li><li>256 segments (10sec ~ 255min)</li></ul>
<b>Internal I/O</b> <ul style="list-style-type: none"><li>1* USB2.0</li><li>2* RS232/422/485</li><li>1* SATAIII</li><li>3* M.2 (M-key, E-key, B-key)</li><li>1* GPIO (8 bit, 5V)</li><li>1* AT mode</li><li>1* I2C/SMBUS</li><li>1* FP_Audio</li><li>1* Speaker</li><li>JLF0DV-E2 support TPM2.0 (Option)</li></ul>	<b>External I/O</b> <ul style="list-style-type: none"><li>1* HDMI</li><li>1* DP</li><li>2* RJ45</li><li>2* USB3.0</li><li>2* USB2.0</li><li>Power button</li><li>Power LED, HDD LED</li><li>12~36V DC-in jack</li></ul>
<b>Power</b> <p>DC-in 12~36V, AT/ATX Supported</p> <ul style="list-style-type: none"><li>- AT: Directly PWR on as Power input ready</li><li>- ATX: Press Button to PWR on after Power input ready</li></ul>	<b>Compliance</b> <p>CE, FCC, RoHS, REACH</p>
<b>Temperature</b> <ul style="list-style-type: none"><li>Operating Temperature: 0 ~ 60° C</li><li>Storage Temperature: -20 ~ 85° C</li><li>Humidity: 10% ~ 90% RH @40°C (non-condensing)</li></ul>	<b>OS Support</b> <p>Windows 10, Linux</p>
<b>Warranty</b> <p>2 Years limited warranty</p>	

\* Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.

## Standard Accessories

Part Number	Description
JLF0DV-E0	JLF0DV-E0 M/B
JLF0DV-E2	JLF0DV-E2 M/B support TPM2.0
G01-COM-H2M20-1F	2* COM cable
G01-SATA3-BL-1F	1* SATAIII cable
HCS5XXXMHT01S-F	1* Fin type Heatsink