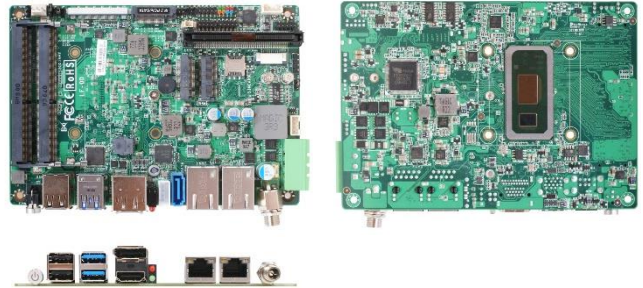


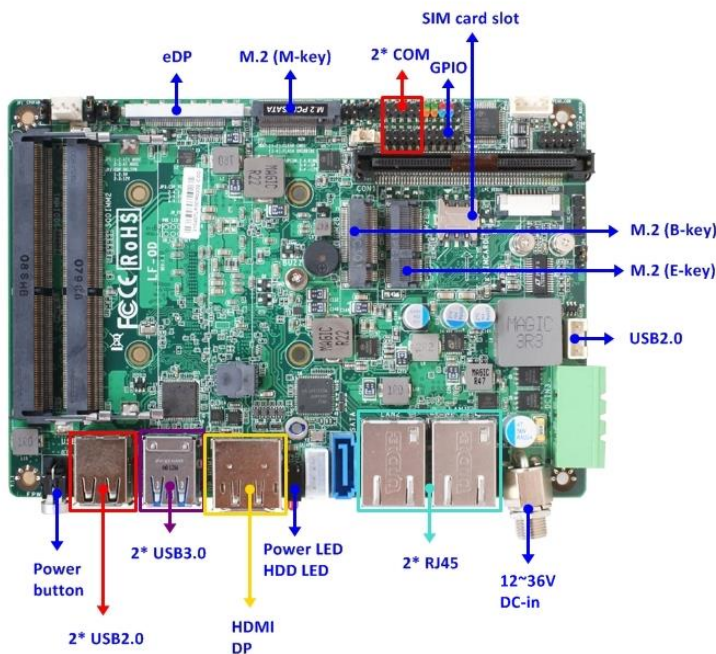
JLF0D-40 Series

Intel® Whiskey Lake-U I5-8265U CPU, DDR4 up to 64GB, Support Wide Voltage 12~36V DC-in

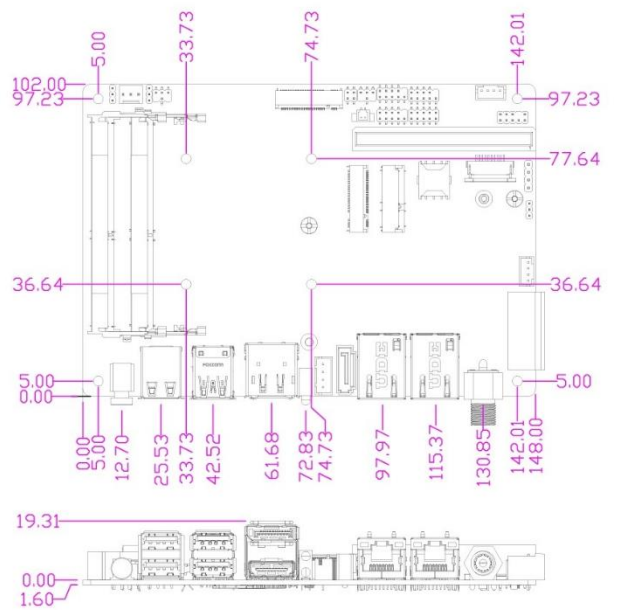
1. Intel® 8th Gen Whiskey lake I5-8265U 1.6GHz/QC Core MCP Processor
2. 2* DDR4 2400MHz, up to 64GB
3. 1* Intel® I219LM GbE, 1* Intel® i211AT GbE
4. 1* SATA III (6Gb/s), 1* M.2 (M-key), 1* M.2 E-key Support CNVi, 1* M.2 B-key Support 4G/5G Module
5. 1* HDMI/DP + 1* eDP
6. 2* RS232/422/485, 2* USB3.0, 3* USB2.0
7. 12~36V DC in
8. 3.5" Form Factor (146 * 102 mm)
9. JLF0D-42 support TPM2.0 (option)



I/O Diagram



Mechanical Drawings (Unit = mm)



Specifications

Model	Form Factor
<ul style="list-style-type: none">JLFD-40JLFD-42 (TPM2.0)	3.5" (146 * 102mm)
Processor System	Expansion Slot
<ul style="list-style-type: none">Intel® 8th Gen Whiskey lake i5-8265U Quad Core MCP ProcessorIntel SoC chipsetAMI 128Mb Flash ROM BIOS	<ul style="list-style-type: none">1* M.2 E-key (2230,Support CNVi)1* M.2 B-key (3042/3052, Support 4G/5G Module)1* SIM Card Holder (Nano)
Memory	Graphics
2* DDR4 2400MHz DRAM SO-DIMM up to 64GB	<ul style="list-style-type: none">Intel® HD Graphics, shared memory1* HDMI 1.4 (Max Resolution : 4096x2304@24Hz)1* DP (Max Resolution : 4096x2304@60Hz)1* eDP (Max Resolution : 4096x2304@60Hz)Support Triple Displays
Ethernet	Audio
<ul style="list-style-type: none">1* Intel® i219LM GbE1* Intel® i211AT GbE	<ul style="list-style-type: none">USB Audio3W AMP speaker
Storage	Rear I/O
<ul style="list-style-type: none">1* M.2 M-key (2242/2280, SATA or NVMe- PCI-Ex4)1* SATAIII	<ul style="list-style-type: none">1* HDMI1* DP2* RJ45 Ethernet2* USB3.02* USB2.0Power buttonPower LED, HDD LED12~36V DC-in jack
Internal Connector	Watchdog Timer
<ul style="list-style-type: none">1* USB2.02* RS232/422/4851* SATAIII (6.0Gb/s)3* M.2 (M-key, E-key, B-key)1* GPIO (8 bit, 5V)1* AT mode1* I2C/SMBUS1* FP_Audio1* SpeakerJLFD-42 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 12~36V, 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 ~ 60°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
-----	JLFD-40/JLFD-42 M/B	G01-XH4-SA15A-30F	SATA Power cable
G01-COM-H2M20-1F	COM cable	G01-SATA3-BL-1F	SATAIII cable