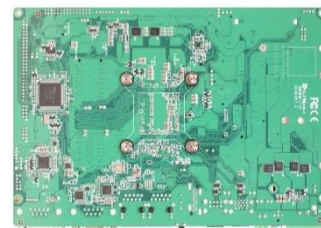
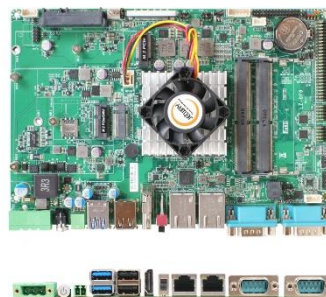


JLZ0FV-90 Series

Intel® Gen. 11 Tiger Lake-UP3 SoC Processor, 1135G7 chipset, M.2 PCIe 4.0 x4 supports NVMe, 4* COM, 2* USB3.2 (Gen.2), 1* GbE, 1* 2.5GbE

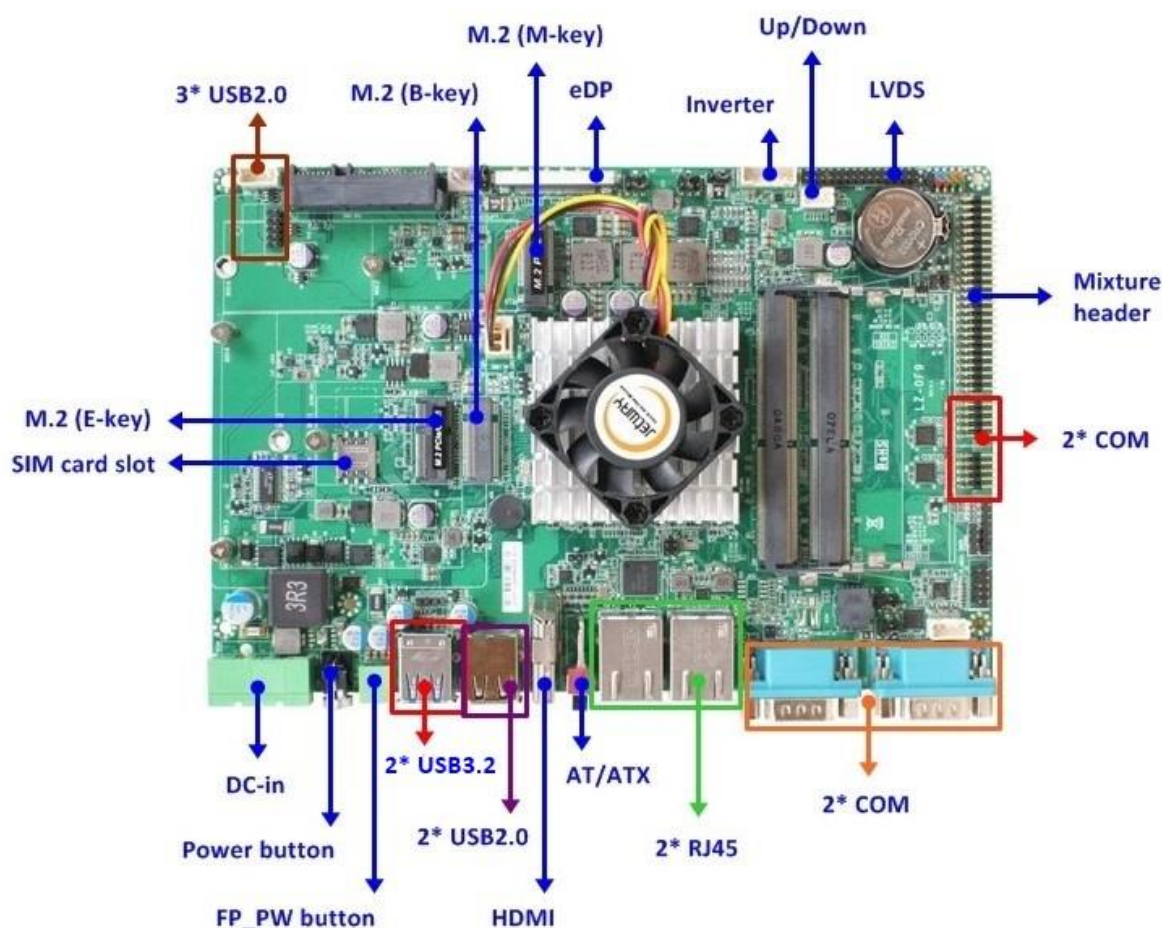
Features

1. Intel® Tiger Lake-UP3 SoC Processor (TDP 12~28W)
2. 2* DDR4 3200MHz SO-DIMM up to 64GB
3. 1* Intel i219-LM GbE, 1* Intel i225-V 2.5GbE
4. 1* HDMI2.0, 1* eDP, 1* LVDS
5. 2* RS232, 2* RS232/422/485, 2* USB3.2 (Gen2), 5* USB2.0
6. 1* SATAIII, 1* SIM card slot
7. 1* M.2 M-key (2242/2280), PCIe 4.0 x4 interface supports NVMe
8. 1* M.2 E-key (2230), USB2.0/PCIe x1 interface supports CNVi
9. 1* M.2 B-key (3042/3052/6570), USB3.2/USB2.0 /PCIe x1 interface supports 4/5G Module
10. 1* Mixture Header (2* UART, 2* USB2.0, 1* LPC, 1* GPIO)
11. Onboard TPM 2.0 (JLZ0FV-92 option)
12. 12~36V DC-in



intel. FC CE RoHS COMPLIANT

I/O Diagram



Specifications

Model - JLZ0F-90 (i5-1135G7 Default) - JLZ0F-92 (i5-1135G7, TPM2.0)	Form Factor 5.5" (200 * 135mm)
Processor System - Intel® Tiger Lake i5-1135G7 SoC Processor 2.4G/QC (TDP 12~28W) - AMI 128Mb Flash ROM BIOS	Memory 2* DDR4-3200 Dual Channel SO-DIMM up to 64GB
Storage 1* SATAIII (7+15pin) - M.2 M-key 2242/2280, PCIe 4.0 x4interface, support NVMe	Expansion 1* M.2 E-key (2230, USB2.0/PCIex1 interface support CNVi) 1* M.2 B-key (3042/3052/6570) supports 3G/4G/5G Module) 1* SIM Card Holder (Nano)
Ethernet 1* Intel® i219LM GbE 1* Intel® i225-V 2.5GbE	Graphics - Intel® HD Graphics, shared memory 1* eDP (Max Resolution: 4096 x 2304@60Hz) 1* LVDS (Max Resolution: 1920 x 1200@60Hz) 1* HDMI 2.0b (Max Resolution: 4096 x 2160@60Hz) - Support Triple Independent Displays
Audio - HD audio: REALTEK codec 3W Amplifier speaker	Watchdog Timer - From Super I/O to drag RESETCON# 256 segments (10sec ~ 255min)
Internal I/O 3* USB2.0 1* PS/2 1* LVDS / Inverter/Light UP/Down 1* eDP 2* RS232 1* 3W Speaker 1* SATAIII 2* M.2 (E-key, B-key) 1* SIM card slot 1* Mixture Header (2* UART, 1* GPIO (16 bit), 2* USB2.0, 1* LPC) 1* Chassis intrusion 1* Audio header 1* SMBUS - Support onboard TPM2.0 (JLZ0FV-92 optional)	External I/O 2* USB3.2 (Gen2) 2* USB2.0 1* HDMI 2* RJ45 2* RS232/422/485 1* AT/ATX Mode 1* Power Button 1* Front Power Button 12~36V DC-in
Power 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	Compliance CE, FCC, RoHS, REACH (For Panel PC)
Temperature - Operating Temperature: 0 ~ 60° C - Storage Temperature: -20 ~ 85° 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
JLZ0FV-90	JLZ0FV-90 M/B
JLZ0FV-92	JLZ0FV-92 M/B support TPM2.0

