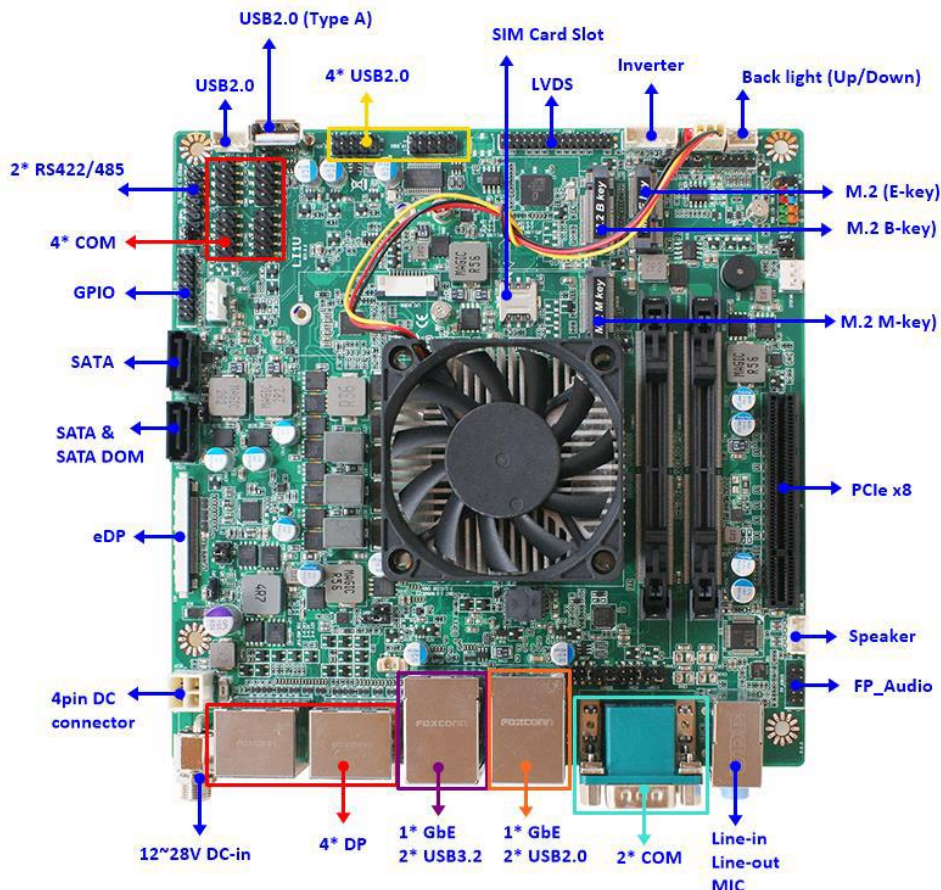


LI1U-20

AMD Embedded Mini-ITX Industrial Motherboard 4 DP 4K@60Hz / 2 LAN / 6 COM / M.2 / 12-28V

Features

1. Industrial Embedded Motherboard with Planned Lifecycle Through Q1'2028
2. AMD Ryzen V1605B Quad-Core Embedded Processor
3. 2 * DDR4-2400 slots supporting up to 32GB Total
4. Up to 4 Displays, 4 * DisplayPort 1.3 4K @60Hz
5. 2 * Realtek Gigabit LAN, HD Audio, PCIe x8 Slot
6. 2 * SATA3 6Gb/s, M.2 SATA/PCIE 3.0 x2 NVME
7. M.2 for Cellular with Nano SIM Slot, M.2 for WIFI
8. 2 * USB 3.2 Gen1, 8 * USB 2.0, 16bit GPIO
9. 6 * Serial Ports, Watchdog Timer, AT/ATX Power Mode
10. 12V - 28V DC-in or 4-pin Alternate Internal Power Connector
11. Compatible with Windows 10/11 64bit, UEFI Linux
12. Mini-ITX Form Factor (170mm x 170mm)



Model / Series	<ul style="list-style-type: none"> LI1U
Part No	<ul style="list-style-type: none"> JLI1U-20 JLI1U-22 (TPM 2.0)
Processor	<ul style="list-style-type: none"> AMD Ryzen V1605B Quad-Core embedded processor, 4C/8T
Chipset	<ul style="list-style-type: none"> SoC
Video	<ul style="list-style-type: none"> AMD Radeon Vega 8 Graphics
Memory	<ul style="list-style-type: none"> 2 * 260-pin SO-DIMM slots supporting DDR4-2400 up to 32GB total
Expansion Slots	<ul style="list-style-type: none"> M.2 E-key 2230 (USB/PCIE) M.2 B-key 3042/3052 (USB/PCIE) with Nano SIM Card Holder PCI Express 3.0 x8 slot
Storage	<ul style="list-style-type: none"> 2 * SATA3 6Gb/s ports M.2 M-key SATA/PCIE 3.0 x2 NVME 2242/2280
Audio	<ul style="list-style-type: none"> HD Audio
Network	<ul style="list-style-type: none"> 2 * Realtek RTL8111H Gigabit LAN
Other Features	<ul style="list-style-type: none"> Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec., TPM optional
Rear Panel I/O	<ul style="list-style-type: none"> 2 * USB 3.2 Gen1 ports, 2 * USB 2.0 ports 2 * RJ-45 LAN ports, 2 * Serial ports (RS232/422/485) 4 * DisplayPort 1.3 4K @60Hz Line-out, Line-in, Mic 12V - 28V DC-in locking jack
Internal I/O	<ul style="list-style-type: none"> 2 * USB headers for 4 * USB 2.0 ports (2.54mm), 1 * USB 2.0 (2.00mm) 1 * USB 2.0 vertical Type-A 4 * Serial headers (4 * RS232), PS/2 KB/MS combo header 16bit GPIO, Chassis Intrusion Header, AT/ATX power switch mode 4-pin 12V - 28V Alternate internal power connector
BIOS	<ul style="list-style-type: none"> AMI Flash ROM
Box Contents	<ul style="list-style-type: none"> LI1U Motherboard, I/O Shield
Certification	<ul style="list-style-type: none"> CE, FCC, RoHS, ErP/EuP, REACH
Temperature	<ul style="list-style-type: none"> Operating Temperature 0~60 ° C, Storage Temperature -20-70 ° C
Form Factor	<ul style="list-style-type: none"> Mini-ITX Form Factor (170mm x 170mm)
Warranty	<ul style="list-style-type: none"> 2 Years Limited Warranty

*Specifications subject to change without notice, not responsible for typographical errors. Overclocking not supported.



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