



469.00 EUR

incl. 19% VAT, plus shipping

- **LGA1200 !**
- **2x COM !**
- **2x LAN !**
- **ATX Format !**

- Intel® LGA1200 Socket supports 10/11th Gen. Core Processor (Max 125W)
- Intel® Comet Lake-S Q470E chipset
- 4* DDR4 3200/2933MHz up to 128GB
- 1* Intel® i225-V 2.5GbE, 1* Intel® i219-LM GbE
- 2* M.2 M Key (NVMe), 1* M.2 E Key (CNVi), 1* M.2 B Key
- 4* SATA III (6Gb/s), support Raid 0/1/5/10
- 1* VGA, 1* HDMI, 1* DP
- 2* RS232/422/485, 4* RS232, 4* USB3.2 (Gen.2), 1* USB3.2 (Gen.1), 6* USB2.0
- 2* PCI-E x16, 5* PCI-E x 4 Slots
- 2* CPU FAN, 2* System FAN
- 24 + 8 Pin ATX Power Input
- ATX Form Factor (305x244mm)

Model	- JLA20-10 - JLA20-12 (TPM2.0)
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Form Factor	- ATX (305 x 244mm)
Processor System	- Intel® LGA1200 Socket supports 10th/11th Gen Core Processor Max 125W - Intel® Q470E chipset - AMI 256M Flash ROM
Memory	- 4* DDR4 3200/2933 MHz Long DIMM up to 128GB
Storage	- 4* SATAIII (6.0Gb/s, Support Raid 0/1/5/10) - 2* M.2 M-key (2242/2280, support NVMe, M2M1 Only 11th CPU)
Expansion	- 1* M.2 B-key (3042/3052, USB3.2+PCI-Ex1 interface, Support 4G/5G Module) - 1* M.2 E-key (2230, CNVi+USB2.0 interface, Support WIFI/BT Module) - 2* PCIe x16 slots (by CPU) - 5* PCIe x4 slots (PCIE2 by CPU, PCIE4 is PCIe x1 interface)
Ethernet	- 1* Intel® i219-LM GbE - 1* Intel® i225-V 2.5GbE
Graphics	- Intel® HD Graphics, shared memory - 1* VGA (Max Resolution: 2560×1600@60Hz) - 1* DP1.2 (Max Resolution: 4096×2304@60Hz) - 1* HDMI 1.4 (Max Resolution: 4096×2160@30Hz)
Audio	- Line-in, Line-out, MIC
Watchdog Timer	- From Super I/O to drag RESETCON# - 256 segments (10sec ~ 255min)

Internal I/O	<ul style="list-style-type: none">- 4* USB2.0- 1* USB3.2 (Gen1, TYPE A)- 4* RS232 (COM3/4 support 5/12V TTL)- 4* M.2 (2* M-key, 1* B-key, 1* E-key)- 2* PCIe x16 slots (by CPU)- 5* PCIe x4 slots (PCIE2 by CPU, PCIE4 is PCIe x1 interface)- 1* GPIO (16 bit, 5V)- 1* PS/2- 2* CPU FAN (Support Smart FAN)- 2* System FAN- 1* Chassis intrusion- 1* SMBUS/ I2C- 1* AT mode
External I/O	<ul style="list-style-type: none">- 2* RS232/422/485 (Support 5V/12V TTL)- 4* USB3.2 (Gen.2)- 2* USB2.0- 1* VGA- 1* HDMI- 1* DP- 2* RJ45- Line-in, Line-out, MIC
Power	<p>ATX PWR (8 + 24 pin)</p> <ul style="list-style-type: none">- AT: Directly PWR on as Power input ready- ATX: Press Button to PWR on after Power input ready
Compliance	<ul style="list-style-type: none">- CE, FCC, RoHS, REACH
Temperature	<ul style="list-style-type: none">- Operating Temperature: 0 ~ 60° C- Storage Temperature: -20 ~ 70° C- Humidity: 10% ~ 90% RH @40°C (non-condensing)
OS Support	<ul style="list-style-type: none">- Windows 10, Windows 11, Linux