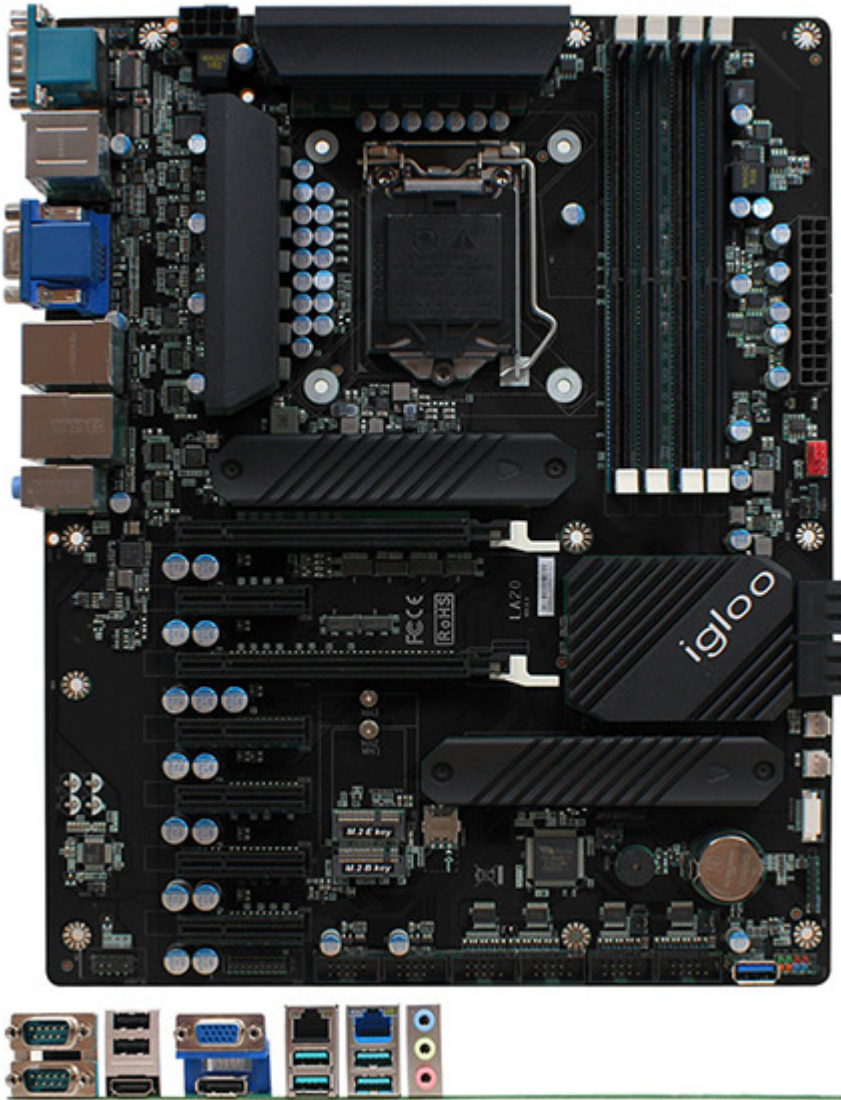




469.00 EUR
incl. 19% VAT, plus [shipping](#)

- 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)	
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	– 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	– 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	ATX PWR (8 + 24 pin) – AT: Directly PWR on as Power input ready – ATX: Press Button to PWR on after Power input ready
Compliance	– CE, FCC, RoHS, REACH
Temperature	– Operating Temperature: 0 ~ 60° C – Storage Temperature: -20 ~ 70° C – Humidity: 10% ~ 90% RH @40°C (non-condensing)
OS Support	– Windows 10, Windows 11, Linux