

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



- Q670E !
- DDR-5 !
- 2x LAN !



- Intel® 12/13th (Alder Lake-S/Raptor Lake-S) LGA1700 Socket Processor (Max. 65W TDP)
- Intel® Q670E chipset
- 2* DDR5 4800MHz/5600MHz SO-DIMM up to 64GB
- 2* 2.5GbE Ethernet Ports
- 2* M.2 M-key, 1* M.2 E-key, 1* M.2 B-key
- Single PCI Express x16 (Gen.4)
- 2* HDMI, 2* DP support Quad displays
- 2* RS232/422/485, 4* RS232, 4* USB3.2 (Gen.2), 4* USB2.0
- Dimensions: 306 * 199 * 79 mm
- Adapter DC19V/120W

Model	– HB651I215-Q670-B (non-WiFi) – HB651I215I-Q670-B (WiFi) – HB651I215-Q670-T (non-WiFi) – HB651I215I-Q670-T (WiFi)	
CPU/Chipset	– Intel® 12th /13th (Alder Lake-S/Raptor Lake-S) LGA1700 Socket Core i9/i7/i5/i3/Pentium/Celeron Processor – Max. 65W TDP – Intel® Q670E chipset	
MB model	– MI215Q6700 – MI215Q6702 (TPM2.0)	
BIOS	– AMI Flash ROM	
Memory	– Intel® 12th CPU support 2* DDR5 4800MHz Dual Channel SO-DIMM up to 64GB – Intel® 13th CPU support 2* DDR5 5600MHz Dual Channel SO-DIMM up to 64GB	
Network	– 1* Intel i225-V 2.5GbE – 1* Intel i225-LM 2.5GbE	
Graphics	– Intel® HD Graphics, shared memory – 2* DP1.4a (Max Resolution: 4096×2304@60Hz) – 2* HDMI 2.0b (Max Resolution: 4096×2160@60Hz) – Support Quad Displays	
Audio	– HD audio: Realtek ALC888S (with 3W Amp.)	

Storage	– 1* M.2 M-key (2242, SATA/PCIe Gen.4 x4 interface) support NVMe – 1* M.2 M-key (2280, SATA/PCIe Gen.3 x4 interface) support NVMe – 1* 2.5" SATA Device
Expansion	– 1* M.2 E-key (2230, PCIe x1/USB2.0 interface) support CNVio – 1* M.2 B-key (3042/3052, USB3.1/USB2.0/PCIe x1 interface)
Rear Panel I/O	– 4* USB3.2 (Gen.2) – 2* LAN – 2* HDMI – 2* DP – 1* Audio jack (Line-out/MIC combo) – 1* DC-in (3 PIN Industrial Connector) – 5* COM (2* RS232/422/485, 3* RS232)
Front Panel I/O	– 1* Power button – 1* Reset – 1* Power LED – 1* HDD LED – 4* USB2.0 – 1* FAN link con
Internal Connector	– SIM Card Holder – 1* GPIO
Power Source	– Adapter : AC 90~240V input / DC19V_120W output – MB : DC12~36V input
Compliance	– CE, FCC, LVD, RoHS, ErP Ready
Dimensions	– System: 306 (W) * 199 (D) * 79 (H) mm – Net Weight: 5.5 KG: Gross Weight: 6.5 KG
Temperature	– Operating Temperature: -20 ~ 60° C (35W CPU) – Operating Temperature: -20 ~ 50° C (65W CPU) (Under the condition of using M.2 interface SSD) – Storage Temperature: -40 ~ 85° C – Humidity: 10% ~ 95% RH @40°C (non-condensing)
OS Support	– Windows 11, Linux