



2929.00 EUR
incl. 19% VAT, plus [shipping](#)

- Intel R680E Chipset !
- 2x LAN !
- 8x USB3.2 !
- HAILO-8 Card !

AI Edge Server with options of 52 TOPs and 104 TOPs AI PCIe Module. Intel® R680E chipset supports LGA 1700 socket for 12 th /13 th Core™ i9/i7/i5/i3 Pentium® Processor with DDR5 4800MHz up to 128GB memory, AIPC

- Intel® 13th LGA1700 Socket Processor
- Intel® R680E Chipset
- 4* DDR5 4800MHz Long-DIMM up to 128 GB
- Hailo-8 expansion card, up to 52/104 TOPS
- 2* 2.5GbE, 8* USB3.2 (Gen.2), 1* HDMI
- 4* SATAIII support HOT SWAP
- Dimensions: 480* 430* 177mm
- ATX 500W POWER

Model	– HB190MA3H-R680-AI4 (2* HAILO-8™ Card/104 TOPS)	
CPU/Chipset	– Intel® 13th LGA1700 Socket Core i9/i7/i5/i3/Pentium/Celeron Processor (Max. 125W TDP, 240A) – Intel R680E Chipset	
MB Model	– MA3H-R680 (TPM2.0, ATX, 305* 244mm)	

AI Accelerator	– Model: ADPIE8AIHLA (144.7* 69mm) – 1/2* HAILO-8™ Card (by model) – PCIe Gen.3 x8 interface
BIOS	– AMI Flash ROM BIOS *Support recover crashed BIOS data tool by a USB flash pen driver: 1. Using JetBIOS SW back up tool with any external USB ports 2. Using JetBIOS HW recovery tool with specific USB port (internal USBX)
Memory	– 4* Dual CH DDR5 4800MHz Long-DIMM up to 128GB support ECC
Network	– 1* Intel i225-LM 2.5GbE – 1* Intel i225-V 2.5GbE
Graphics	– Intel® UHD Graphics, shared memory – 1* HDMI 2.0b (Max Resolution: 4096×2160@60Hz)
Audio	– HD audio: Realtek ALC888S
Storage	– 1* M.2 M-key (2242/2280, PCIe Gen.4 x4) support NVME – 1* M.2 M-key (2242/2280, PCIe Gen.4 x4/SATA Interface) support NVME – 4* 2.5"/3.5" Device (4 HDD TRAY Design,support HOT SWAP)
Expansion	– 1* M.2 E-Key (2230, PCIe Gen.3 x1/USB2.0 interface) support CNVi for WiFi – 1* M.2 B-Key (3042/3052, PCIe Gen.3 x1/USB3.2 Gen.2/USB2.0 interface) for 4G/5G – 2* PCIe x16 GEN4 (1 x16 signals or 2 x8 signals) for Graphic card
Rear Panel I/O	– 8* USB3.2 (Gen.2) – 2* LAN – 1* HDMI – 2* COM (1* RS232/422/485 support 5V/12V TTL, 1* RS232) – 1* Line-in, Line-out, MIC
Front Panel I/O	– 1* Power SW – 1* Reset SW – 1* Power LED – 1* HDD LED – 2* USB2.0
Internal Connector	– SIM Card Holder – 1* 8-bits GPIO
Power Source	– Power: ATX 500W – MB: ATX 24pin + 8pin
Compliance	– CE, FCC, LVD, RoHS, ErP Ready
Dimensions	– System: 480(W)* 430(D)* 177(H) mm – Net Weight: 5.8KG – Gross Weight: 6.8KG
Temperature	– Operating Temperature: 0 ~ 50° C – Storage Temperature: -40 ~ 85° C – Humidity: 10% ~ 95% RH @40°C (non-condensing)
OS Support	– Windows 11, Linux