



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

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| 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) |

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| AI Accelerator | <ul style="list-style-type: none"> - Model: ADPIE8AIHLA (144.7* 69mm) - 1/2* HAILO-8™ Card (by model) - PCIe Gen.3 x8 interface |
| BIOS | <ul style="list-style-type: none"> - AMI Flash ROM BIOS *Support recover crashed BIOS data tool by a USB flash pen driver: <ol style="list-style-type: none"> 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 | <ul style="list-style-type: none"> - 4* Dual CH DDR5 4800MHz Long-DIMM up to 128GB support ECC |
| Network | <ul style="list-style-type: none"> - 1* Intel i225-LM 2.5GbE - 1* Intel i225-V 2.5GbE |
| Graphics | <ul style="list-style-type: none"> - Intel® UHD Graphics, shared memory - 1* HDMI 2.0b (Max Resolution: 4096x2160@60Hz) |
| Audio | <ul style="list-style-type: none"> - HD audio: Realtek ALC888S |
| Storage | <ul style="list-style-type: none"> - 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 | <ul style="list-style-type: none"> - 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 | <ul style="list-style-type: none"> - 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 | <ul style="list-style-type: none"> - 1* Power SW - 1* Reset SW - 1* Power LED - 1* HDD LED - 2* USB2.0 |
| Internal Connector | <ul style="list-style-type: none"> - SIM Card Holder - 1* 8-bits GPIO |
| Power Source | <ul style="list-style-type: none"> - Power: ATX 500W - MB: ATX 24pin + 8pin |
| Compliance | <ul style="list-style-type: none"> - CE, FCC, LVD, RoHS, ErP Ready |
| Dimensions | <ul style="list-style-type: none"> - System: 480(W)* 430(D)* 177(H) mm - Net Weight: 5.8KG - Gross Weight: 6.8KG |
| Temperature | <ul style="list-style-type: none"> - Operating Temperature: 0 ~ 50° C - Storage Temperature: -40 ~ 85° C - Humidity: 10% ~ 95% RH @40°C (non-condensing) |
| OS Support | <ul style="list-style-type: none"> - Windows 11, Linux |