



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	<ul style="list-style-type: none"> <li>- Model: ADPIE8AIHLA (144.7* 69mm)</li> <li>- 1/2* HAILO-8™ Card (by model)</li> <li>- PCIe Gen.3 x8 interface</li> </ul>
BIOS	<ul style="list-style-type: none"> <li>- AMI Flash ROM BIOS</li> <li>*Support recover crashed BIOS data tool by a USB flash pen driver:               <ol style="list-style-type: none"> <li>1. Using JetBIOS SW back up tool with any external USB ports</li> <li>2. Using JetBIOS HW recovery tool with specific USB port (internal USBX)</li> </ol> </li> </ul>
Memory	<ul style="list-style-type: none"> <li>- 4* Dual CH DDR5 4800MHz Long-DIMM up to 128GB support ECC</li> </ul>
Network	<ul style="list-style-type: none"> <li>- 1* Intel i225-LM 2.5GbE</li> <li>- 1* Intel i225-V 2.5GbE</li> </ul>
Graphics	<ul style="list-style-type: none"> <li>- Intel® UHD Graphics, shared memory</li> <li>- 1* HDMI 2.0b (Max Resolution: 4096x2160@60Hz)</li> </ul>
Audio	<ul style="list-style-type: none"> <li>- HD audio: Realtek ALC888S</li> </ul>
Storage	<ul style="list-style-type: none"> <li>- 1* M.2 M-key (2242/2280, PCIe Gen.4 x4) support NVME</li> <li>- 1* M.2 M-key (2242/2280, PCIe Gen.4 x4/SATA Interface) support NVME</li> <li>- 4* 2.5"/3.5" Device (4 HDD TRAY Design,support HOT SWAP)</li> </ul>
Expansion	<ul style="list-style-type: none"> <li>- 1* M.2 E-Key (2230, PCIe Gen.3 x1/USB2.0 interface) support CNVi for WiFi</li> <li>- 1* M.2 B-Key (3042/3052, PCIe Gen.3 x1/USB3.2 Gen.2/USB2.0 interface) for 4G/5G</li> <li>- 2* PCIe x16 GEN4 (1 x16 signals or 2 x8 signals) for Graphic card</li> </ul>
Rear Panel I/O	<ul style="list-style-type: none"> <li>- 8* USB3.2 (Gen.2)</li> <li>- 2* LAN</li> <li>- 1* HDMI</li> <li>- 2* COM (1* RS232/422/485 support 5V/12V TTL, 1* RS232)</li> <li>- 1* Line-in, Line-out, MIC</li> </ul>
Front Panel I/O	<ul style="list-style-type: none"> <li>- 1* Power SW</li> <li>- 1* Reset SW</li> <li>- 1* Power LED</li> <li>- 1* HDD LED</li> <li>- 2* USB2.0</li> </ul>
Internal Connector	<ul style="list-style-type: none"> <li>- SIM Card Holder</li> <li>- 1* 8-bits GPIO</li> </ul>
Power Source	<ul style="list-style-type: none"> <li>- Power: ATX 500W</li> <li>- MB: ATX 24pin + 8pin</li> </ul>
Compliance	<ul style="list-style-type: none"> <li>- CE, FCC, LVD, RoHS, ErP Ready</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>- System: 480(W)* 430(D)* 177(H) mm</li> <li>- Net Weight: 5.8KG</li> <li>- Gross Weight: 6.8KG</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>- Operating Temperature: 0 ~ 50° C</li> <li>- Storage Temperature: -40 ~ 85° C</li> <li>- Humidity: 10% ~ 95% RH @40°C (non-condensing)</li> </ul>
OS Support	<ul style="list-style-type: none"> <li>- Windows 11, Linux</li> </ul>