



1469.00 EUR  
incl. 19% VAT, plus [shipping](#)

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

- Intel® 13th LGA1700 Socket Processor
- 2\* DDR5 5600MHz SO-DIMM up to 64GB
- 2\* 10/100/1000/2500 Base-T Ethernet Ports
- 2\* M.2 M-key, 1\* M.2 E-key, 1\* M.2 B-key
- Hailo-8 expansion card , up to 52/104 TOPS
- 1\* HDMI, 2\* RS232/422/485, 4\* RS232, 8\* USB3.2(Gen.2), 2\* USB2.0
- Dimensions: 306\* 199\* 79 mm
- Adapter DC19V/120W
- WLAN

|             |                                                                                                                 |  |
|-------------|-----------------------------------------------------------------------------------------------------------------|--|
| Model       | – HB651I3HI-R680-AI2 (WiFi) (1* HAILO-8™ Card / 52 TOPS)                                                        |  |
| CPU/Chipset | – Intel® 13th LGA1700 Socket Core i9/i7/i5/i3/Pentium/Celeron Processor (Max. TDP 65W)<br>– Intel R680E Chipset |  |
| MB Model    | – MI3H-R6802 (TPM2.0)                                                                                           |  |
| BIOS        | – AMI Flash ROM BIOS                                                                                            |  |
| Memory      | – 2* DDR5 5600MHz Dual Channel SO-DIMM up to 64GB                                                               |  |
| Network     | – 1* Intel i225-V 2.5GbE<br>– 1* Intel i225-LM 2.5GbE                                                           |  |
| Graphics    | – Intel® HD Graphics, shared memory<br>– 1* HDMI                                                                |  |
| Audio       | – HD audio: Realtek ALC897/ALC888S (with 3W Amp.)                                                               |  |

|                    |                                                                                                                                                                                                                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage            | <ul style="list-style-type: none"> <li>– 2* M.2 M-key (2242/2280, PCIe Gen.4×4) support NVMe</li> <li>– 1* 2.5" SATA Device</li> </ul>                                                                                                                                                       |
| Expansion          | <ul style="list-style-type: none"> <li>– 1* M.2 E-key (2230, PCIe Gen.3×1/USB2.0) support CNVio</li> <li>– 1* M.2 B-key (3042/3052, USB3.2/USB2.0/PCIe Gen.3×1)</li> </ul>                                                                                                                   |
| AI Accelerator     | <ul style="list-style-type: none"> <li>– 1/2 Hailo-8 AI Card(by model)</li> </ul> <p>Note: There are 2 HAILO-8 chips on each AI expansion card, Expansion through PCIe x 8 slot</p>                                                                                                          |
| 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>– 1* Audio jack (Line-out/MIC combo)</li> <li>– 1* DC-in (3 PIN Industrial Connector)</li> <li>– 6* COM (2* RS232/422/485,4* RS232)</li> </ul>                                      |
| Front Panel I/O    | <ul style="list-style-type: none"> <li>– 1* Power button</li> <li>– 1* Reset button</li> <li>– 1* Power LED</li> <li>– 1* HDD LED</li> <li>– 2* USB 2.0</li> <li>– 1* EXT FAN module link</li> </ul>                                                                                         |
| Internal Connector | <ul style="list-style-type: none"> <li>– SIM Card Holder</li> <li>– 1* GPIO</li> </ul>                                                                                                                                                                                                       |
| Power Source       | <ul style="list-style-type: none"> <li>– Adapter: AC 90~240V input/DC19V_120W output</li> <li>– MB: DC12~36V input</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: 306 (W)* 199 (D)* 79 (H) mm</li> <li>– Box: 406 (W)* 359 (D)* 148 (H) mm</li> <li>– Net Weight: 5.5 KG</li> <li>– Gross Weight: 6.5 K</li> </ul>                                                                                            |
| Temperature        | <ul style="list-style-type: none"> <li>– Operating Temperature: -20 ~ 50° C</li> </ul> <p>(Under the condition of using M.2 interface SSD)</p> <ul style="list-style-type: none"> <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>                                                                                                                                                                                                                        |