



1169.00 EUR  
incl. 19% VAT, plus [shipping](#)

- i5-1335UE !
- 2x USB-C !
- 6x USB !
- 2x LAN !



- Intel® 13th Raptor Lake-P Processor
- 2\* DDR5 5200MHz SO-DIMM up to 64GB
- 10\* USB, 2\* RJ45, 1\* Audio, 2\* HDMI, 5\* COM
- 1\* M.2 M-key 2280, 1\* M.2 M-key 2242, 1\* M.2 E-key 2230, 1\* M.2 B-key 3042/3052
- Support TPM2.0 (option)
- Dimensions: 224 \* 199 \* 63 mm
- Adapter DC19/120W

|             |  |  |
|-------------|--|--|
| Model       | <ul style="list-style-type: none"> <li>- HB650I24-1335U (non-WiFi)</li> <li>- HB650I24I-1335U (WiFi)</li> <li>- HB650I24-1335UE (non-WiFi)</li> <li>- HB650I24I-1335UE (WiFi)</li> </ul> |  |
| CPU/Chipset | - Intel® 13th Raptor Lake-P Processor (15W TDP)  |  |
| MB Model    | <ul style="list-style-type: none"> <li>- MI24-13350B (i5-1335U/15W)</li> <li>- MI24-133E0B (i5-1335UE/15W)</li> </ul>  |  |
| BIOS        | - AMI Flash ROM  |  |
| Memory      | - 2* DDR5 5200MHz SDRAM SO-DIMM up to 64GB   |  |
| 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® Iris® Xe Graphics, shared memory</li> <li>- 2* HDMI 2.0b (Max Resolution: 4096x2304@60Hz)</li> </ul>  |
| Audio              | <ul style="list-style-type: none"> <li>- HD audio: Realtek ALC888S + 3W Amplifier</li> </ul>  |
| Storage            | <ul style="list-style-type: none"> <li>- 1* M.2 M-key (2242/2280, PCIe Gen.4x4 interface) support NVMe</li> <li>- 1* M.2 M-key (2242, SATA interface)</li> </ul>  |
| Expansion          | <ul style="list-style-type: none"> <li>- 1* M.2 E-key (2230, USB2.0/PCIe x1 interface) support CNVi for WiFi</li> <li>- 1* M.2 B-key (3042/3052, USB3.1/USB2.0/PCIe x1 interface) for 4G/5G module</li> </ul>   |
| Rear Panel I/O     | <ul style="list-style-type: none"> <li>- 2* RJ45</li> <li>- 2* USB3.2 (Gen.2)</li> <li>- 2* USB3.2 (Gen.2) Type-C support DP ALT mode &amp; PD 5V/3A</li> <li>- 4* USB2.0</li> <li>- 2* HDMI</li> <li>- 1* Audio combo (Line out+ Mic)</li> <li>- 1* DC in (Industrial Connector)</li> <li>- 5* COM (2* RS232/422/485, 3* RS232)</li> </ul> |
| Front Panel I/O    | <ul style="list-style-type: none"> <li>- 1* Power button , 1* Reset button</li> <li>- 1* Power LED , 1* HDD LED</li> <li>- 2* USB2.0</li> <li>- 1* FAN Expansion con</li> </ul> <p>(The external fan module needs to be purchased separately)</p>   |
| Internal Connector | <ul style="list-style-type: none"> <li>- SIM Card Holder</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 (Wide Voltage Power Board build inside)</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 : 224 (W) * 199 (D) * 63 (H) mm</li> <li>- Package : 406 (W) * 359 (D) * 148 (H) mm</li> <li>- Net Weight: 4 KG</li> <li>- Gross Weight: 5 KG</li> </ul>  |

|             |   |
|-------------|---|
| Temperature | – Operating Temperature: -20 ~ 60° C<br>(Under the condition of using M.2 interface SSD)<br>– Storage Temperature: -40 ~ 85° C<br>– Humidity: 10% ~ 95% RH @40°C (non-condensing) |
| OS Support  | – Windows 11, Linux   |