



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	– HB650I24-1335U (non-WiFi) – HB650I24I-1335U (WiFi) – HB650I24-1335UE (non-WiFi) – HB650I24I-1335UE (WiFi)
CPU/Chipset	– Intel® 13th Raptor Lake-P Processor (15W TDP)
MB Model	– MI24-13350B (i5-1335U/15W) – MI24-133E0B (i5-1335UE/15W)
BIOS	– AMI Flash ROM
Memory	– 2* DDR5 5200MHz SDRAM SO-DIMM up to 64GB
Network	– 1* Intel i225-LM 2.5GbE – 1* Intel i225-V 2.5GbE

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	<ul style="list-style-type: none"><li>– Operating Temperature: -20 ~ 60° C</li><li>(Under the condition of using M.2 interface SSD)</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>