



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

- Intel Tiger Lake-UP3 !
- 4x 4K HDR !
- 2x USB-C !
- WLAN !

Support: [Datasheet](#)

- Intel® Tiger Lake-UP3 SoC Processor (TDP 15W)
- 2\* DDR4 3200MHz SO-DIMM up to 64GB
- 2\* HDMI, 2\* DP1.4 (from Type-C), 1\* eDP, 1\* RS232, 3\* USB3.2 (Gen.2), 3\* USB2.0, 2\* USB3.2 (Gen. 2) Type-C support DP1.4 display output
- Support Four independent 4K HDR Display
- DC 12V 90W Adapter

|                |                                                                                                                                |                                                                                            |
|----------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| MB Model       | – MF10-20 (i5-1145G7E / Default)<br>– MF10-22 (i5-1145G7E / TPM2.0)<br>– MF10-90 (i5-1135G7)<br>– MF10-92 (i5-1135G7 / TPM2.0) |                                                                                            |
| Part No        | Non-Wifi                                                                                                                       | M.2 ac WiFi card                                                                           |
|                | – HBFDF10-45G7-B (Default)<br>– HBFDF10-45G7-T<br>– HBFDF10-35G7-B                                                             | – HBFDF10i-45G7-B (Default)<br>– HBFDF10i-45G7-T<br>– HBFDF10i-35G7-B<br>– HBFDF10i-35G7-T |
| Processor      | – Intel® Tiger Lake-UP3 SoC Processor (TDP 15W), Default: 1145G7E                                                              |                                                                                            |
| Memory         | – 2* DDR4 3200MHz SO-DIMM up to 64GB                                                                                           |                                                                                            |
| Storage        | – 1* SATAIII (6Gb/s)<br>– M.2 M-key 2242/2280, PCIe 4.0 x4/SATA interface, support NVMe                                        |                                                                                            |
| Network        | – 1* Intel i219-LM 1.0GbE<br>– 1* Intel i225V 2.5GbE                                                                           |                                                                                            |
| Expansion slot | – M.2 E-key (2230) USB2.0/PCIex1 interface support CNVi<br>– M.2 B-Key 3042/3052 (USB3.1/USB2.0/PCIe x1)                       |                                                                                            |

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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* USB2.0</li> </ul>                                                                                                                                                                                                                                                               |
| Rear Panel I/O  | <ul style="list-style-type: none"> <li>– 3* USB3.2(Gen2)</li> <li>– 1* USB2.0</li> <li>– 2* USB3.2 (Gen.2) Type-C support DP1.4 display output</li> <li>– 2* RJ45</li> <li>– 2* HDMI</li> <li>– 1* Line-out/MIC Combo</li> <li>– 1* COM or GPIO (Option)</li> <li>– 3* Antenna holes (Option)</li> <li>– 1* DC-in</li> </ul>                                                                                                    |
| Compliance      | – CE, FCC, LVD, RoHS                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power Source    | <ul style="list-style-type: none"> <li>– DC Adapter 90W</li> <li>– M/B: DC 12~24V input</li> </ul>                                                                                                                                                                                                                                                                                                                              |
| Safety          | – CE, FCC, LVD, RoHS                                                                                                                                                                                                                                                                                                                                                                                                            |
| Temperature     | <ul style="list-style-type: none"> <li>– Operating Temperature: -20 ~ 50° C (Under the condition of using M.2 interface SSD)</li> <li>– Operating Temperature: 0 ~ 50° C (Under the condition of using 2.5" SATA HDD)</li> </ul> <p>(The test environment is closed and windless)</p> <ul style="list-style-type: none"> <li>– Storage Temperature: -20 ~ 70° C</li> </ul> <p>Humidity: Between 40% and 60%, non-condensing</p> |
| Dimensions      | – 193 (W) x 142.4 (D) x 62 (H) mm                                                                                                                                                                                                                                                                                                                                                                                               |
| Packing         | <ul style="list-style-type: none"> <li>– Net Weight: 2.2KG</li> <li>– Gross Weight: 3.2KG</li> <li>– Color Box dimension: 250 (W) * 118 (D) * 295 (H) mm</li> </ul>                                                                                                                                                                                                                                                             |
| OS Support      | – Windows 10, Linux                                                                                                                                                                                                                                                                                                                                                                                                             |