



1139.00 EUR

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

- Intel Tiger Lake-UP3 !
- 4x 4K HDR or 1x 8K SDR !
- Support NVMe !
- 4x COM !

January 2023: -V Version with Intel i225V LAN

- Intel® Tiger Lake-UP3 SoC Processor i5-1145G7E (TDP 15W)
- 2\* SO-DIMM DDR4-3200MHz up to 64GB
- 2\* USB2.0, 4\* USB3.2, 2\* HDMI, 2\* DP, 2\* RJ45, 1\*Audio
- Support 4\* 4K HDR Displays or 1\* 8K SDR Displays
- DC-12V\_60W Adapter

|           |                                                                                                                                                                                         |                                                                                            |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| MB Model  | – MF05-20 (i5-1145G7E / Default)<br>– MF05-22 (i5-1145G7E / TPM2.0)<br>– MF05-90 (i5-1135G7E)<br>– MF05-92 (i5-1135G7E / TPM2.0)                                                        |                                                                                            |
| Part No   | Non-Wifi                                                                                                                                                                                | M.2 ac WiFi card                                                                           |
|           | – HBFDF05-45G7-B (Default)<br>– HBFDF05-45G7-T<br>– HBFDF05-35G7-B<br>– HBFDF05-35G7-T                                                                                                  | – HBFDF05I-45G7-B (Default)<br>– HBFDF05I-45G7-T<br>– HBFDF05I-35G7-B<br>– HBFDF05I-35G7-T |
| Processor | – Intel® Tiger Lake-UP3 Processor (TDP 15W), Default: 1145G7E<br>Notes: When the system runs, CPU will automatically adjust its working clock frequency according to changing workload. |                                                                                            |

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|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chipset         | – SoC                                                                                                                                                                                                                                                                                                            |
| Memory          | – 2 * SO-DIMM slots DDR4-3200MHz up to 64GB                                                                                                                                                                                                                                                                      |
| Storage         | – 1 * M.2 M-key (2242/2260/2280) Support PCIe4(NVMe)                                                                                                                                                                                                                                                             |
| Network         | – 1 * Intel® 1.0GbE (1* i219-LM)<br>– 1 * Intel® 2.5GbE (1* i225-LM)                                                                                                                                                                                                                                             |
| Expansion slot  | – 1 * M.2 E-key (2230) USB2.0/PCIex1 interface support CNVi                                                                                                                                                                                                                                                      |
| Front Panel I/O | – 1* Power button<br>– 1* Reset button<br>– 1* Power LED<br>– 1* HDD LED<br>– 2* USB 2.0<br>– 1* Line-out<br>– 1* MIC-in<br>– 4* COM (2 sets of installation, 2 sets of accessories box)                                                                                                                         |
| Rear Panel I/O  | – 4* USB 3.2(Gen2)<br>– 2* HDMI 2.0b (Max. resolution:4096 x 2160@60Hz)<br>– 2* DP1.4 (Max. resolution:4096 x 2304@60Hz)<br>– 2* RJ45<br>– 1* Line-out/MIC Combo<br>– 1* COM or GPIO (Optional)<br>– 2* Antenna holes (Optional)<br>– 1* DC-in                                                                   |
| Compliance      | – CE, FCC, LVD, RoHS                                                                                                                                                                                                                                                                                             |
| Power Source    | – DC Adapter / AC 90~240V input /DC12V-5A-60W<br>– M/B: DC 12~24V input                                                                                                                                                                                                                                          |
| Safety          | – CE, FCC, LVD, RoHS                                                                                                                                                                                                                                                                                             |
| Temperature     | – Operating Temperature: -20 ~ 50° C (Under the condition of using M.2 interface SSD)<br>– Operating Temperature: 0 ~ 50° C (Under the condition of using 2.5" SATA HDD)<br>(The test environment is closed and windless)<br>– Storage Temperature: -20 ~ 70° C<br>Humidity: Between 40% and 60%, non-condensing |
| Dimensions      | – 193 (W) x 142.4 (D) x 62 (H) mm                                                                                                                                                                                                                                                                                |

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|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | <ul style="list-style-type: none"><li>– Windows 10, Linux</li></ul>                                                                                             |