



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

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

**Support:**  [Datasheet](#)

January 2023: -V Version with Intel i225V LAN

- Intel® Tiger Lake-UP3 SoC Processor i5-1135G7E (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	<ul style="list-style-type: none"> <li>- MF05-20 (i5-1145G7E / Default)</li> <li>- MF05-22 (i5-1145G7E / TPM2.0)</li> <li>- MF05-90 (i5-1135G7E)</li> <li>- MF05-92 (i5-1135G7E / TPM2.0)</li> </ul>	
Part No	Non-Wifi	M.2 ac WiFi card
	<ul style="list-style-type: none"> <li>- HBFDF05-45G7-B (Default)</li> <li>- HBFDF05-45G7-T</li> <li>- HBFDF05-35G7-B</li> <li>- HBFDF05-35G7-T</li> </ul>	<ul style="list-style-type: none"> <li>- HBFDF05I-45G7-B (Default)</li> <li>- HBFDF05I-45G7-T</li> <li>- HBFDF05I-35G7-B</li> <li>- HBFDF05I-35G7-T</li> </ul>

Processor	<ul style="list-style-type: none"> <li>– Intel® Tiger Lake-UP3 Processor (TDP 15W), Default: 1145G7E</li> </ul> <p>Notes: When the system runs, CPU will automatically adjust its working clock frequency according to changing workload.</p>
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	<ul style="list-style-type: none"> <li>– 1 * Intel® 1.0GbE (1* i219-LM)</li> <li>– 1 * Intel® 2.5GbE (1* i225-LM)</li> </ul>
Expansion slot	– 1 * M.2 E-key (2230) USB2.0/PCIex1 interface support CNVi
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* Line-out</li> <li>– 1* MIC-in</li> <li>– 4* COM (2 sets of installation, 2 sets of accessories box)</li> </ul>
Rear Panel I/O	<ul style="list-style-type: none"> <li>– 4* USB 3.2(Gen2)</li> <li>– 2* HDMI 2.0b (Max. resolution:4096 x 2160@60Hz)</li> <li>– 2* DP1.4 (Max. resolution:4096 x 2304@60Hz)</li> <li>– 2* RJ45</li> <li>– 1* Line-out/MIC Combo</li> <li>– 1* COM or GPIO (Optional)</li> <li>– 2* Antenna holes (Optional)</li> <li>– 1* DC-in</li> </ul>
Compliance	– CE, FCC, LVD, RoHS
Power Source	<ul style="list-style-type: none"> <li>– DC Adapter / AC 90~240V input /DC12V-5A-60W</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	– Net Weight: 2.2KG – Gross Weight: 3.2KG – Color Box dimension: 250 (W) * 118 (D) * 295 (H) mm
OS Support	– Windows 10, Linux