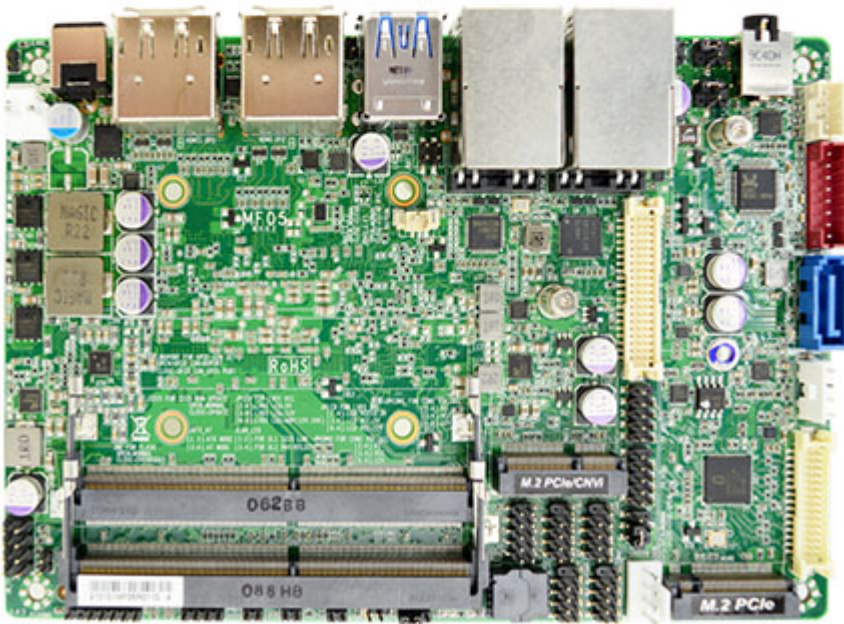




879.00 EUR  
incl. 19% VAT, plus [shipping](#)

- Intel Tiger Lake !
- 3,5" Formfactor !
- PCIe 4.0 !
- 8K-SDR Display Support !



|                  |                                                                                                                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model            | <ul style="list-style-type: none"> <li>– MF05V20 (i5-1145G7E Default)</li> <li>– MF05V22 (i5-1145G7E, TPM2.0)</li> <li>– MF05V90 (i5-1135G7)</li> <li>– MF05V92 (i5-1135G7, TPM2.0)</li> </ul>                        |
| Form Factor      | – 3.5" (5.8-in * 4.0-in, 148 * 102mm)                                                                                                                                                                                 |
| Processor System | <ul style="list-style-type: none"> <li>– Intel® Tiger Lake i5-1145G7E SoC Processor (TDP 12~28W) (Default)</li> <li>– Intel® Tiger Lake i5-1135G7 SoC Processor (TDP 12~28W)</li> <li>– AMI Flash ROM BIOS</li> </ul> |

|                |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expansion Slot | – M.2 E-key (2230) USB2.0/PCIex1 interface support CNVi                                                                                                                                                                                                                                                                                                                                                            |
| Memory         | – 2* DDR4-3200 Dual Channel SO-DIMM up to 64GB total                                                                                                                                                                                                                                                                                                                                                               |
| Graphics       | <ul style="list-style-type: none"> <li>– Intel® HD Graphics, shared memory</li> <li>– 1* eDP (Max Resolution: 4096×2304@60Hz)</li> <li>– 1* LVDS (Max Resolution: 1920×1200@60Hz)</li> <li>– 2* HDMI 2.0b (Max Resolution: 4096×2160@60Hz)</li> <li>– 2* DP1.4 (Max Resolution: 4096×2304@60Hz)</li> <li>– Support Four independent 4K HDR Displays or One 8K SDR Displays (DP)</li> </ul>                         |
| Ethernet       | <ul style="list-style-type: none"> <li>– 1* Intel i219-LM 1.0GbE</li> <li>– 1* Intel i225-V 2.5GbE</li> </ul>                                                                                                                                                                                                                                                                                                      |
| Audio          | <ul style="list-style-type: none"> <li>– HD audio: Realtek ALC888S-VD2</li> <li>– 3W AMP speaker</li> </ul>                                                                                                                                                                                                                                                                                                        |
| Storage        | <ul style="list-style-type: none"> <li>– 1* SATAIII</li> <li>– M.2 M-key 2242/2280, PCIe 4.0 x4 interface, support NVME</li> </ul>                                                                                                                                                                                                                                                                                 |
| Rear I/O       | <ul style="list-style-type: none"> <li>– 4* USB3.2(Gen. 2)</li> <li>– 2* DP</li> <li>– 2* HDMI</li> <li>– 2* RJ45</li> <li>– Line-out/MIC Combo</li> <li>– DC-in (12-24V)</li> </ul>                                                                                                                                                                                                                               |
| Internal I/O   | <ul style="list-style-type: none"> <li>– 4* USB 2.0</li> <li>– 1* PS/2</li> <li>– 1* LVDS / Inverter</li> <li>– 1* eDP</li> <li>– 4* COM (2* RS232/422/485, 2* RS232)</li> <li>– 1* SATAIII</li> <li>– 1* GPIO (8 bit)</li> <li>– 1* Chassis intrusion</li> <li>– 1* Speaker header (4pin)</li> <li>– 1* SMBUS</li> <li>– 1* AT/ATX mode jumper</li> <li>– Optional onboard TPM2.0 (MF05V22 / MF05V92 )</li> </ul> |
| Watchdog Timer | <ul style="list-style-type: none"> <li>– From Super I/O to drag RESETCON#</li> <li>– 256 segments (10sec ~ 255min)</li> </ul>                                                                                                                                                                                                                                                                                      |
| Power          | <ul style="list-style-type: none"> <li>– DC-in 12-24V</li> <li>– AT: Directly PWR on as Power input ready</li> <li>– ATX: Press Button to PWR on after Power input ready</li> <li>– <b>90W adaptor is Recommended</b></li> </ul>                                                                                                                                                                                   |
| Compliance     | – CE, FCC, LVD, RoHS, REACH                                                                                                                                                                                                                                                                                                                                                                                        |
| Temperature    | <ul style="list-style-type: none"> <li>– Operating: 0°C ~ 60°C</li> <li>– Storage: -20°C ~ 85°C</li> <li>– Humidity: 10% ~ 90% RH @40°C (non-condensing)</li> </ul>                                                                                                                                                                                                                                                |
| OS Support     | – Windows 10, Linux                                                                                                                                                                                                                                                                                                                                                                                                |