

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

- Intel Elkhart Lake SoC !
- HBFDF20 !



- Intel® Elkhart Lake SoC Processor (Default: J6412)
- Support 1* DDR4 3200MHz SO-DIMM up to 32GB
- Support 8* USB, 2* RJ45, 4* COM, 2* HDMI
- All-aluminum body, produced by casting process
- Support DC12~24V input)

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| Model | – HBFDF20-6412-B (Default) / HBFDF20I-6412-B (Default, WiFi) – HBFDF20-6412-T (TPM) / HBFDF20I-6412-T (TPM, WiFi) – HBFDF20-6412-E (32GB EMMC) / HBFDF20I-6412-E (32GB EMMC, WiFi) – HBFDF20-6412-Q (32GB EMMC, TPM) / HBFDF20I-6412-Q (32GB EMMC, TPM, WiFi) | |
| Model | – MF20-00B (J6412 CPU_10W, Default) – MF20-02B (J6412 CPU_10W, TPM2.0) – MF20-03B (J6412 CPU_10W, EMMC) – MF20-07B (J6412 CPU_10W, 32GB EMMC, TPM2.0) | |
| CPU/Chipset | – Intel® Elkhart Lake SoC Processor (Default: J6412, TDP 10W) | |
| BIOS | – AMI Flash ROM | |
| Memory | – 1* DDR4 3200MHz SO-DIMM up to 32GB | |
| Network | – 2* Intel® i225LM 2.5GbE | |
| Graphics | – Intel® HD Graphics, shared memory – 2* HDMI (Max Resolution: 4096x2160@60Hz) | |
| Storage | – 1* M.2 M-key (2242/2280, PCIe Gen.3 x2/SATA interface) support NVME – 1* 2.5" SATAIII 6Gb/s internal drive bay (Max. Height 9.5 mm) – 32GB eMMC onboard (option) | |
| Expansion | – 1* M.2 E-key (2230, PCIe Gen.3 x1/USB2.0 interface) – 1* M.2 B-key (3042, USB3.1 /USB2.0 interface W/SIM card slot) – TPM onboard (option) | |

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| Rear Panel I/O | <ul style="list-style-type: none"> - 3* USB3.1 (Gen2) - 3* USB2.0 - 2* HDMI - 2* RJ45 - Line-out/MIC combo jack - 1* DC in |
| Front Panel I/O | <ul style="list-style-type: none"> - 1* Power SW, 1* Reset - 1* Power LED, 1* HDD LED - 1* MIC - 1* Line-out - 4* COM (COM1 support RS485) - 2* USB2.0 |
| Internal Connector | <ul style="list-style-type: none"> - SIM Card Holder |
| Power Source | <ul style="list-style-type: none"> - Adapter : AC 90~240V input / DC12V_60W output - MB : DC12~24V input |
| Compliance | <ul style="list-style-type: none"> - CE, FCC, LVD, RoHS, ErP Ready |
| Dimensions | <ul style="list-style-type: none"> - System: 193 (W) x 142.4 (D) x 62 (H) mm - Color Box dimension: 250 (W) * 118 (D) * 295 (H) mm - Net Weight: 2.2KG - Gross Weight: 3.5KG |
| Temperature | <ul style="list-style-type: none"> - Operating Temperature: -20 ~ 60° C - (Under the condition of using M.2 interface SSD) - Operating Temperature: 0 ~ 50° C - (Under the condition of using 2.5" SATA HDD) - Storage Temperature: -20 ~ 85° C - Humidity: 10% ~ 90% RH @40°C (non-condensing) |
| OS Support | <ul style="list-style-type: none"> - Windows 11, Linux |