



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

- Intel Elkhart Lake !
- 2x HDMI !
- 2x LAN !
- 3.5" Formfactor !

The JETWAY MF04V0X Series is 3.5" form factor board adopts the Intel® Elkhart Lake J6412 SoC Processor. The board supports two SO-DIMM DDR4 3200MHz Dual Channel memory, up to 32GB. Featuring the integrated Intel® 2.5 Gigabit Ethernet controller, the MF04V0X Series offers two 10/100/1000/2500Base-TX Ethernet device for network transmission. One SATAIII (6Gb/s) interface, one M.2 M-key and 32GB onboard eMMC (default) offer storage devices. Three USB3.1 Gen.2 ports, Five USB2.0 ports and two COM ports provide versatile expansion. The M.2 B-key 3042 can support 3G/4G/LTE card. The MF04V0X Series offers two HDMI2.0b ports and one LVDS (co-layout eDP). Because of the above features, MF04V0X Series is suitable for Panel PC, IOT Solution, Edge computing applications.

- Intel® Elkhart Lake SoC Processor
- 2* DDR4 3200MHz Dual Channel SO-DIMM up to 32GB
- 2* Intel i225V 2.5GbE
- 2* HDMI2.0b, 1* eDP (co-layout LVDS)
- 2* COM, 3* USB3.1 (Gen.2), 5* USB2.0
- 1* M.2 E-key 2230, 1* M.2 B-key 3042 W/SIM card slot
- 1* M.2 M-key 2242/2280, 1* SATAIII (6Gb/s)
- Support 12~24V DC-in

Model	<ul style="list-style-type: none"> - MF04V00 (J6412 CPU_10W) - MF04V02 (J6412 CPU_10W, W/TPM2.0) - MF04V03 (J6412 CPU_10W, 32GB eMMC) - MF04V07 (J6412 CPU_10W, 32GB eMMC, W/TPM2.0)
Form Factor	- 3.5" (5.8-in * 4.0-in, 148 * 102mm)
Processor System	<ul style="list-style-type: none"> - Intel® Elkhart Lake J6412 SoC Processor (TDP 10W) - AMI Flash ROM BIOS

Expansion Slot	<ul style="list-style-type: none"> - 1* M.2 B-key (3042) Support USB3.1/USB2.0 interface W/SIM card slot - 1* M.2 E-key (2230) Support USB2.0/PCIe Gen.3 x1 interface
Memory	<ul style="list-style-type: none"> - 2* SO-DIMM DDR4 3200MHz Dual Channel SDRAM up to 32GB
Graphics	<ul style="list-style-type: none"> - Intel® HD Graphics, shared memory - 1* eDP (Max Resolution: 4096x2160@60Hz) - 1* LVDS (Max Resolution: 1920x1080@60Hz) - 2* HDMI2.0b (Max Resolution: 4096x2160@60Hz)
Ethernet	<ul style="list-style-type: none"> - 2* Intel® i225V 2.5GbE
Audio	<ul style="list-style-type: none"> - 2 channel HD audio: Realtek® ALC888S
Storage	<ul style="list-style-type: none"> - 1* SATAIII - 32GB onboard eMMC (MF04V03 & MF04V07) - 1* M.2 M-key (2242/2280) PCIe Gen.3 x2/SATA interface Support NVME
Rear I/O	<ul style="list-style-type: none"> - 3* USB3.1 (Gen.2), 3* USB2.0 - 2* HDMI - 2* RJ45 - Line-out/MIC combo jack - DC-in (12~24V)
Internal I/O	<ul style="list-style-type: none"> - 2* USB2.0 - 1* eDP (co-layout LVDS) - 1* LVDS w/ Inverter - 1* RS232, 1* RS232/422/485 - 1* SATAIII - 1* SIM card slot (along with M.2 B-key) - 1* GPIO (8 bit) - 1* Audio Header - 1* SMBUS - 1* CPU FAN - 1* TPM2.0 onboard (MF04V02 & MF04V07)
Watchdog Timer	<ul style="list-style-type: none"> - From Super I/O to drag RESETCON# - 256 segments (10sec ~ 255min)
Power	<ul style="list-style-type: none"> DC-IN 12~24V, AT/ATX Supported - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
Compliance	<ul style="list-style-type: none"> - CE, FCC, LVD, RoHS, REACH
Temperature	<ul style="list-style-type: none"> - Operating: 0°C ~ 60°C - Storage: -20°C ~ 85°C - Humidity: 10% ~ 90% RH @40°C (non-condensing)
OS Support	<ul style="list-style-type: none"> - Windows 10, Windows 11, Linux