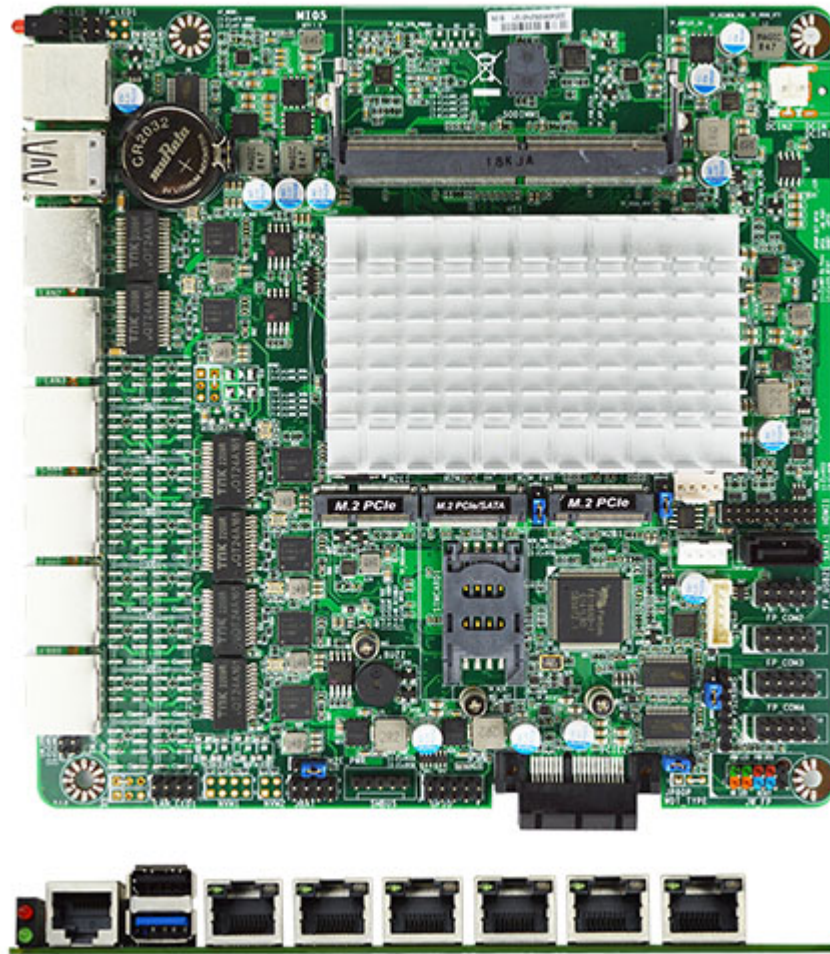




329.00 EUR

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

- Elkhart Lake SoC !
- 6x LAN !
- SIM Slot !
- Mini-ITX !

The JETWAY MI05-0XK Series adopts the Intel® Elkhart Lake series SoC processor. The system memory features one DDR4 3200MHz SO-DIMM up to 16GB. It is equipped with six 2.5Gigabit Ethernet LAN ports and suitable for networking environment. MI05-0XK Series support AES-NI which is an encryption instructions to accelerate the encryption of data, and support TPM 2.0 (option) to secure customers' data.

In addition, it offers flexible expansion with network products and features one PCI Express x1 slot, one USB 3.1 (Gen.2), three USB 2.0, one RS232/422/485 and three RS232 (one console port RJ45 type and two internal pin header). Expansion opportunities are available with one M.2 E-key (2230), one M.2 B-key (3042) and one SIM card slot enabling the addition of Wi-Fi, 3G, 4G LTE for multiple connectivity. In addition, an onboard eMMC 32GB (option), M.2 M-key (2242) and SATAIII connector for a 2.5" device provides storage selection. MI05-0XK Series equip with TVS, voltage, current and ESD protection. All of these designs provide for a more user-friendly solution.

- Intel® Elkhart Lake SoC Processor
- 1\* DDR4 3200MHz SO-DIMM up to 16GB
- 6\* 10/100/1000/2500 Base-TX Ethernet Ports
- 1\* USB 3.1 (Gen.2), 3\* USB 2.0, 1\* HDMI
- 1\* EXT RS232 (RJ45 type), 2\* INT RS232, 1\* INT RS232/4228/485
- 1\* M.2 E-key (2230), 1\* M.2 B-key (3042), 1\* SIM card slot, 1\* PCIe x1
- 1\* M.2 M-key (2242), 1\* SATAIII, 1\* 32GB eMMC (option)
- 12V DC-in

|                  |                                                                                                                                                                                                                                                                                                                                                                           |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model            | <ul style="list-style-type: none"> <li>– MI05-00K (J6412)</li> <li>– MI05-02K (J6412, TPM2.0)</li> <li>– MI05-03K (J6412, eMMC 32GB)</li> <li>– MI05-07K (J6412, eMMC 32GB, TPM2.0)</li> </ul>                                                                                                                                                                            |
| Form Factor      | – Slim Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)                                                                                                                                                                                                                                                                                                                            |
| Processor System | <ul style="list-style-type: none"> <li>– Intel® Elkhart Lake J6412 SoC Processor</li> <li>– AMI 128Mb Flash ROM BIOS</li> </ul>                                                                                                                                                                                                                                           |
| Expansion Slot   | <ul style="list-style-type: none"> <li>– 1* M.2 E-key (2230, USB2.0/PCIe Gen.3 x1 interface)</li> <li>– 1* M.2 B-key (3042, USB3.1 interface)</li> <li>– 1* PCIe x1 (Horizontal)</li> </ul>                                                                                                                                                                               |
| Memory           | – 1* DDR4 3200MHz SO-DIMM up to 16GB                                                                                                                                                                                                                                                                                                                                      |
| Graphics         | <ul style="list-style-type: none"> <li>– Intel® HD Graphics, shared memory</li> <li>– 1* HDMI 1.4b (Max Resolution: 3840×2160@30Hz)</li> </ul>                                                                                                                                                                                                                            |
| Ethernet         | – 6* Intel i225-V 2.5 GbE                                                                                                                                                                                                                                                                                                                                                 |
| Storage          | <ul style="list-style-type: none"> <li>– 1* SATAIII (6 Gb/s)</li> <li>– 1* M.2 M-key (2242, SATA/PCIe Gen.3 x2 interface) support NVMe</li> <li>– 1* 32GB eMMC on board option (MI05-03K/MI05-07K)</li> </ul>                                                                                                                                                             |
| Rear I/O         | <ul style="list-style-type: none"> <li>– 6* RJ45</li> <li>– 1* RS232 (RJ45 type)</li> <li>– 1* USB3.1 (Gen.2)</li> <li>– 1* USB 2.0</li> </ul>                                                                                                                                                                                                                            |
| Internal I/O     | <ul style="list-style-type: none"> <li>– 2* USB2.0</li> <li>– 1* SATAIII</li> <li>– 1* 32GB eMMC option (MI05-03/MI05-07)</li> <li>(If use Win 10 OS, we recommend the eMMC is use for OS boot up purpose.)</li> <li>– 1* RS232/422/485</li> <li>– 2* RS232</li> <li>– 1* HDMI</li> <li>– 1* PS/2</li> <li>– 1* SMBUS</li> <li>– 1* GPIO</li> <li>– 1* AT mode</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            | <p>12V DC-in PWR</p> <ul style="list-style-type: none"> <li>– AT: Directly PWR on as Power input ready</li> <li>– ATX: Press Button to PWR on after Power input ready</li> </ul>                                                                                                                                                                                          |
| Compliance       | – CE, FCC, RoHS, REACH                                                                                                                                                                                                                                                                                                                                                    |
| Temperature      | <ul style="list-style-type: none"> <li>– Operating: 0°C ~ 60°C</li> <li>– Storage: -20°C ~ 60°C</li> <li>– Humidity: 10% ~ 90% RH @40°C (non-condensing)</li> </ul>                                                                                                                                                                                                       |
| OS Support       | – Windows 10, Windows 11, Linux                                                                                                                                                                                                                                                                                                                                           |
| Warranty         | – 2 Years Limited Warranty                                                                                                                                                                                                                                                                                                                                                |