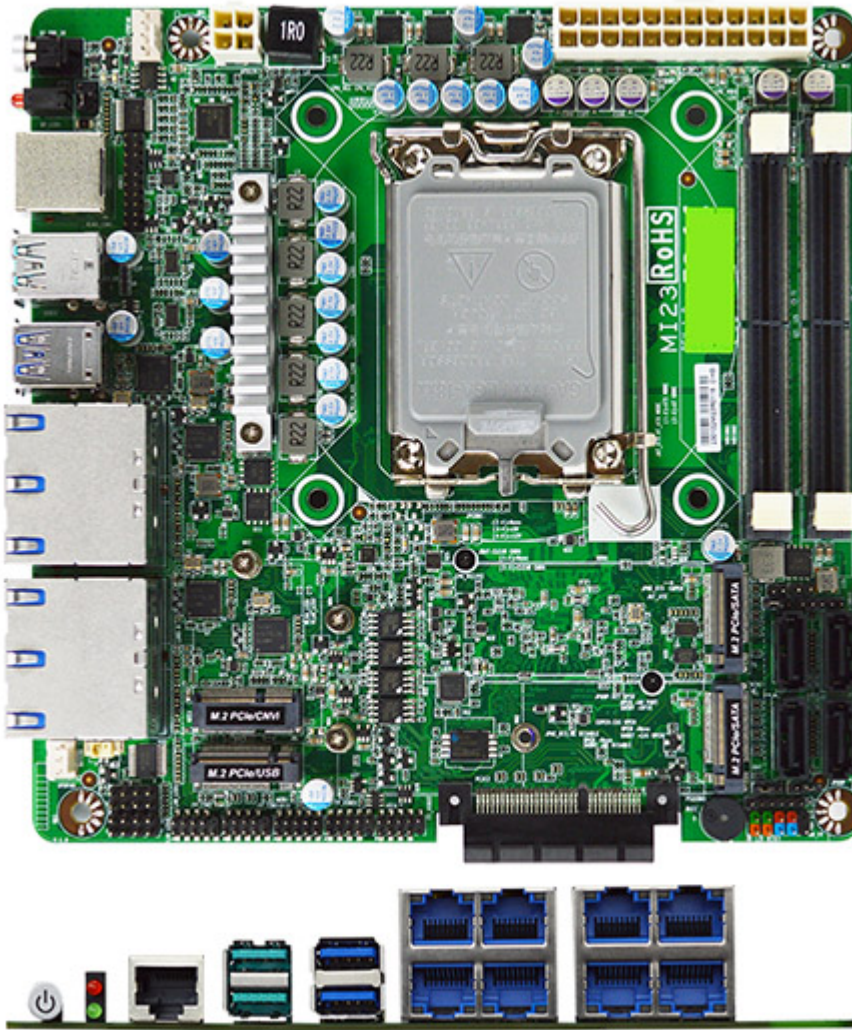




489.00 EUR

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

- Q670 Chipset !
- 8x LAN !
- DDR5 !
- MiniITX !

The JETWAY MI23-Q670X Series adopt the Intel®LGA1700 socket processor and are equipped with two DDR5 SO-DIMM slot up to 64GB. Featuring the integrated Intel® 2.5 Gigabit Ethernet controller for eight 10/100/1000/2500 Base-TX Ethernet devices for network transmission. One M.2 (M-key 2242/2280, PCIe Gen4x4 w/SATA interface), one M.2 (M-key 2280, PCIe Gen.4x4 w/SATA interface) support NVMe, and four SATAIII support RAID 0/1/5/10 for multiple storage choices. One M.2 (E-key 2230, USB2.0/PCIex1 interface) support CNVi and one M.2 (B-key 3042, USB3.2 Gen.1/USB2.0/PCIex1 interface) support 4G module. There are two USB3.2 Gen.2 ports, two USB3.2 Gen.1 ports, four USB2.0 ports, and three RS232 ports for versatile expansions. MI23-Q670X Series are suitable for IoT, high performance networking application, and firewall solution.

- Intel® LGA1700 Socket supports 12th/13th Gen. Core Processor (Max. 65W TDPs under 180A)
- Intel® Q670E Chipset
- 2\* DDR5 4800MHz SO-DIMM up to 64GB
- 4\* SATAIII support RAID 0, 1, 5, 10
- 2\* M.2 (M-key), 1\* M.2 (E-key), 1\* M.2 (B-key)
- 8\* 2.5GbE, 3\* RS232, 1\* PCIe Gen.4 x4
- 2\* USB3.2 (Gen.2), 2\* USB3.2 (Gen.1), 4\* USB2.0
- 24pin ATX + 4pin 12V
- ATX Power Input
- Support JetBIOS SW back up tool for BIOS recovering

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Model            | <ul style="list-style-type: none"> <li>– MI23-Q6700 (Q670E)</li> <li>– MI23-Q6702 (Q670E, onboard TPM 2.0)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Form Factor      | – Mini-ITX (170 * 170 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Processor System | <ul style="list-style-type: none"> <li>– Intel® 12th/13th LGA1700 Socket Core i7/i5/i3/Pentium/Celeron Processor (Max. 65W TDPs under 180A)</li> <li>– Intel® Q670E Chipset</li> <li>– AMI Flash ROM BIOS</li> </ul> <p>*Support recover crashed BIOS data tool by a USB flash pen driver: Using JetBIOS SW back up tool with any external USB ports</p>                                                                                                                                                                                                                                                                                                   |  |
| Memory           | – 2* DDR5 4800MHz SO-DIMM up to 64GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Storage          | <ul style="list-style-type: none"> <li>– 4* SATAIII (6 Gb/s) support RAID 0, 1, 5, 10 (SATA4 share with M.2 M-key 2280)</li> <li>– 1* M.2 M-key (2242/2280, PCIe Gen.4×4 w/SATA interface) support NVMe</li> <li>– 1* M.2 M-key (2280, PCIe Gen.4×4 w/SATA interface) support NVMe</li> </ul>                                                                                                                                                                                                                                                                                                                                                              |  |
| Expansion        | <ul style="list-style-type: none"> <li>– 1* M.2 E-key (2230, USB2.0/PCIe x1 interface) support CNVi</li> <li>– 1* M.2 B-key (3042, USB3.2 Gen.1/USB2.0/PCIe x1 interface) support 4G Module</li> <li>– 1* PCIe Gen.4 x4 slot</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Ethernet         | <ul style="list-style-type: none"> <li>– 1* Intel® i225-LM 2.5 GbE</li> <li>– 7* Intel® i225-V 2.5 GbE</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Graphics         | <ul style="list-style-type: none"> <li>– Intel® UHD Graphics, shared memory</li> <li>– 1* HDMI (Max Resolution: 1920 x 1080@60Hz)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Audio            | – NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Watchdog Timer   | <ul style="list-style-type: none"> <li>– From Super I/O to drag RESETCON#</li> <li>– 256 segments (10sec ~ 255min)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
| Internal I/O     | <ul style="list-style-type: none"> <li>– 4* USB2.0</li> <li>– 4* SATAIII</li> <li>– 2* RS232</li> <li>– 1* Chassis intrusion</li> <li>– 1* HDMI</li> <li>– 1* PS/2</li> <li>– 1* SIM card slot</li> <li>– 1* GPIO</li> <li>– 1* SMBUS</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| External I/O     | <ul style="list-style-type: none"> <li>– 2* USB3.2 (Gen.2)</li> <li>– 2* USB3.2 (Gen.1)</li> <li>– 8* RJ45 2.5GbE</li> <li>– 1* RS232</li> <li>– Power Button</li> <li>– Power LED</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
| Power            | <p>ATX PWR (4+24 pin)</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 Temperature: 0 ~ 60° C (with 0.7m/s air flow)</li> <li>– Storage Temperature: -20 ~ 85° C</li> <li>– Humidity: 10% ~ 90% RH @40°C (non-condensing)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| OS Support       | <ul style="list-style-type: none"> <li>– UEFI Win10 64-bit (Build 10.0.19044.1288), Win 10 IoT Enterprise 64-bit LTSC 2019 (Build 17763.107), Win 10 IoT Enterprise 64-bit LTSC 2021 (Build 19044.1288), UEFI Win 11 64-bit (Build 22000.318), UEFI Win 11 IoT Enterprise (Build 22621.1), CentOS 7 (Version 7), CentOS 8 (Version 8-latest), CentOS 9 (Version 9), Debian 11 (Version 11.4), Fedora-LXDE (Version 36-1.5), Fedora Workstation (Version 36-1.5), Fedora Server (Version 36-1.5), OpenSUSE (Version 15.4), OpenBSD (Version 7.1), Ubuntu Standard / LTS (Version 22.04), Ubuntu Server (Version 22.04), Vmware ESXi (Version 8).</li> </ul> |  |