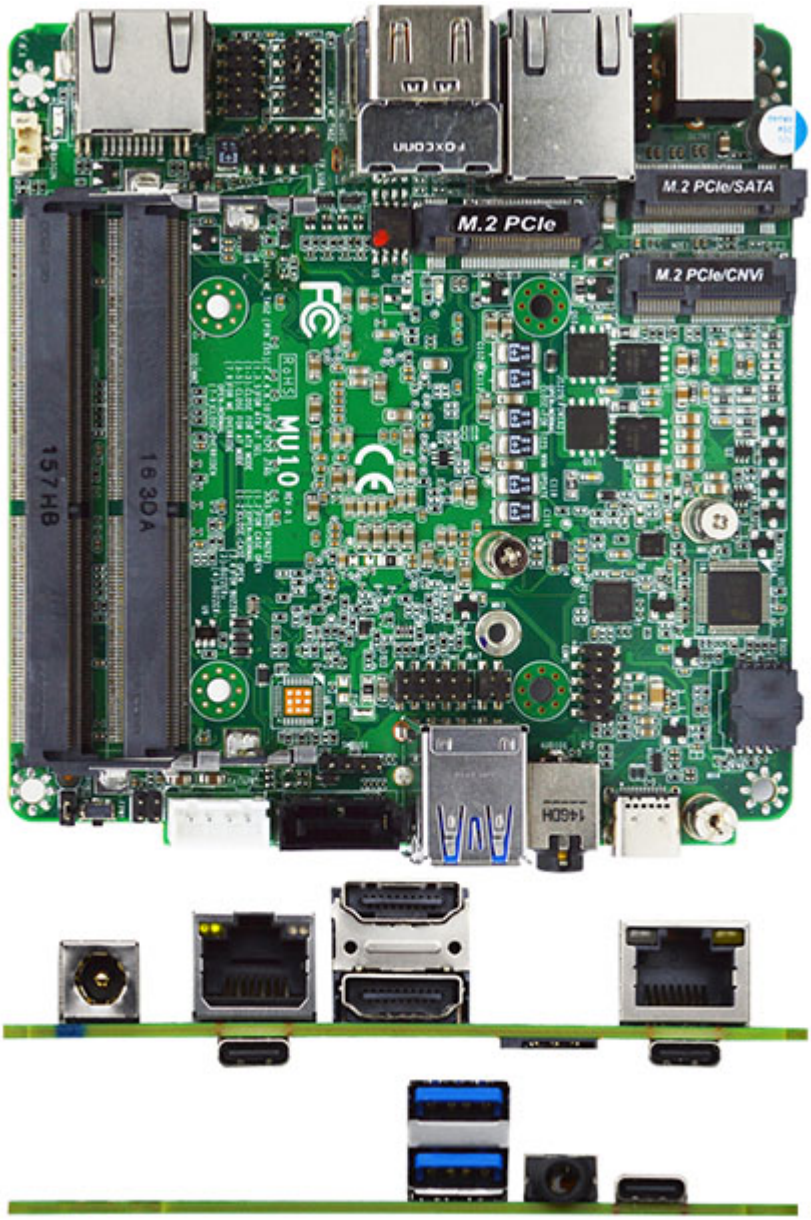


908.00 EUR
incl. 19% VAT, plus shipping

- Tiger Lake-UP3 !
- NVME !
- 8K !
- NUC Format !

**Support:** Datasheet

The JETWAY MU10 Series is a NUC form factor motherboard based on the Intel® 11th Gen. Intel Tiger Lake-UP3 SoC Processors. The board supports two SO-DIMM DDR4 memory up to 64GB. Having dual integrated Intel® i219-LM GbE & i225-V 2.5GbE controllers, the MU10 Series offers one gigabit and one 2.5 gigabit ethernet. The MU10 supports the latest PCI Express 4.0 interface on the M.2 slot for NVME solid state drive. The MU10 has two HDMI2.0b, two DP1.4 (from Type-C) to support up to four independent 4K HDR or 1* 8K displays. The JETWAY MU10 Series is suitable for Digital Signage, Industrial PCs, Edge Computing, Factory Automation, AI and IOT Solution applications.

- Intel® Tiger Lake-UP3 SoC Processor (TDP 15W)
- 2* DDR4 3200MHz SO-DIMM up to 64GB
- 1* Intel i219-LM 1.0GbE, 1* Intel i225V 2.5GbE
- 2* HDMI, 2* DP1.4 (from USB3.2 (Gen.2) Type-C)
- 1* RS232, 2* USB3.2 (Gen.2) Type-A, 1* USB3.2 (Gen.2) Type-C supports USB only, 2* USB3.2 (Gen. 2) Type-C support DP1.4 display
- 1* M.2 M-key 2242/2280 (PCIe4.0 x4/SATAIII interface) support NVMe, 1* SATAIII
- 1* M.2 E-key 2230 (USB2.0/PCIe x1 interface) support CNVi

- 1* M.2 B-key 3042/3052 (USB3.1/USB2.0/PCIe 4.0×1 interface)

| | |
|---|---|
| Model | – MU10-00 (6305E)<br>– MU10-02 (6305E, TPM2.0)<br>– MU10-10 (i3-1115G4E)<br>– MU10-12 (i3-1115G4E, TPM2.0)<br>– MU10-20 (i5-1145G7E)<br>– MU10-22 (i5-1145G7E, TPM2.0)<br>– MU10-90 (i5-1135G7)<br>– MU10-92 (i5-1135G7, TPM2.0) |
| Form Factor | – NUC (101 * 101mm) |
| Processor System | – Intel® Tiger Lake-U SoC Processor (TDP 15W)<br>– AMI Flash ROM BIOS |
| Expansion Slot | – M.2 E-key 2230 (USB2.0/PCIex1 interface) support CNVi<br>– M.2 B-key 3042/3052 (USB3.1/USB2.0/PCIex1 interface) |
| Memory | – 2* DDR4-3200 Dual Channel SO-DIMM up to 64GB |
| Graphics | – Intel® HD Graphics, shared memory<br>– 2* HDMI 2.0b (Max Resolution: 4096×2160@60Hz)<br>– 2* DP1.4 (Max Resolution: 4096×2304@60Hz) from Type-C<br>– Support Four independent 4K HDR or 1* 8K Displays |
| Ethernet | – 1* Intel i219-LM GbE<br>– 1* Intel i225-V 2.5GbE |
| Audio | – HD audio: Realtek ALC888S-VD2 |
| Storage | – 1* SATAIII (6Gb/s)<br>– 1* M.2 M-key 2242/2280 (PCIe4.0 x4/SATAIII interface) support NVMe |
| External I/O | – 2* Front USB3.2 (Gen. 2) Type-A<br>– 1* Front USB3.2 (Gen.2) Type-C support USB only<br>– 2* Rear USB3.2 (Gen.2) Type-C support DP1.4 display output<br>– 1* Front Audio jack (Line out/MIC combo)<br>– 2* Rear HDMI<br>– 2* Rear RJ45<br>– 1* Rear SIM card slot<br>– DC-in (12-24V) |
| Internal Connector | – 2* USB 2.0<br>– 1* RS232<br>– 1* SATAIII<br>– 1* GPIO (8 bit)<br>– 1* Chassis intrusion<br>– 1* SMBUS<br>– 1* AT/ATX mode jumper<br>– Onboard TPM2.0 (Option) |
| Watchdog Timer | – From Super I/O to drag RESETCON#<br>– 256 segments (10sec ~ 255min) |
| Power | DC-IN 12~24V<br>AT/ATX mode Supported<br>– AT: Directly PWR on as Power input ready<br>– ATX: Press Button to PWR on after Power input ready<br>– 90W adaptor is Recommended |
| Compliance | – CE, FCC, LVD, RoHS, REACH |

| | |
|---|---|
| Temperature | – Operating: 0°C ~ 60°C<br>– Storage: -20°C ~ 85°C<br>– Humidity: 10% ~ 90% RH @40°C (non-condensing) |