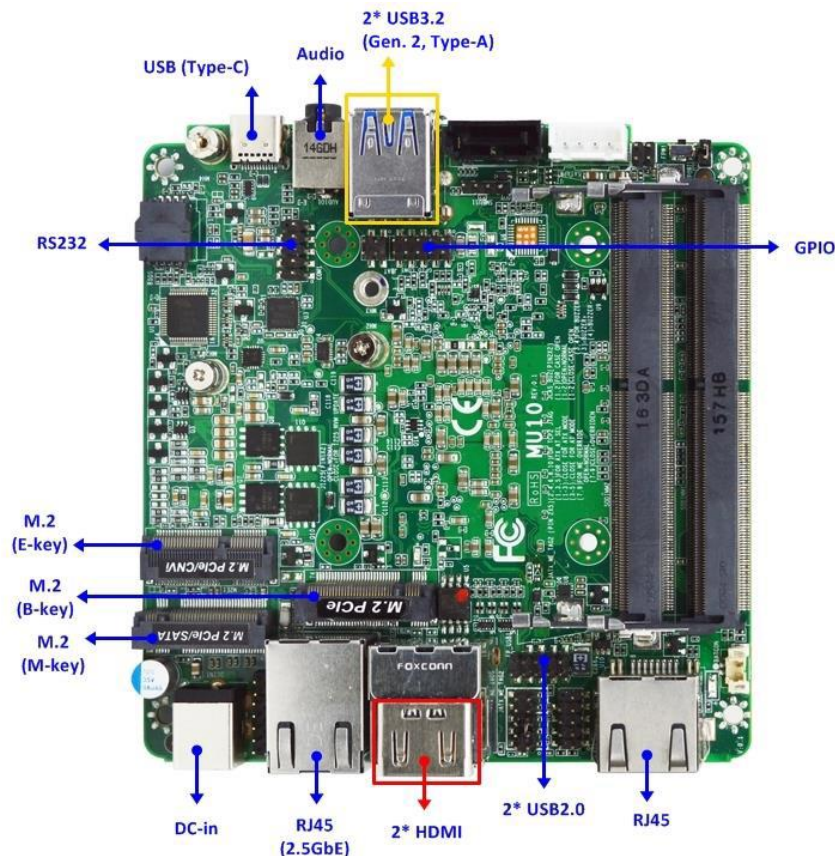


MU10

Tiger Lake NUC Industrial Motherboard 2*HDMI/2*DP(Type-C) / 2.5GbE / 12V-24V

Features

1. Long-Life Embedded Industrial Motherboard with Planned Lifecycle Through Q3'2035, CPU Mounted on Bottom of Motherboard for Easy Integration into Fanless Systems
2. Intel i5-1145G7E Quad-core SoC 15W Processor
3. Up to 4*4k or 1*8K, 2*HDMI, 2*DisplayPort (Type-C)
4. Supports DDR4-3200 SODIMM up to 64GB Total
5. 1*Intel i225-V 2.5GbE + 1 * Intel i219-LM 1GbE, iAMT/VPRO
6. 1*SATA3, M.2 2230 (for WIFI), M.2 3042/3052 (for Cellular)
7. M.2 M-key PCIE 4.0 x4 NVME 2242/2280, HD Audio
8. 5 * USB 3.2 Gen2(2*Type-C), 2 * USB 2.0, SMBUS Header
9. Watchdog Timer, GPIO, AT/ATX Power Switch Mode
10. 12V-24V DC-in
11. NUC Form Factor (101mm x 101mm)



Model / Series	<ul style="list-style-type: none"> ■ MU10
Part No	<ul style="list-style-type: none"> ■ MU10-20 (i5-1145G7E), MU10-22 (i5-1145G7E, TPM 2.0) ■ MU10-90 (i5-1135G7 non-embedded), MU10-92 (i5-1135G7 non-embedded, TPM 2.0)
Processor	<ul style="list-style-type: none"> ■ Intel i5-1145G7E Quad-core CPU 15W TDP, vPro ■ *No CPU Heatsink/Fan included
Chipset	<ul style="list-style-type: none"> ■ SoC
Video	<ul style="list-style-type: none"> ■ Intel HD Graphics
Memory	<ul style="list-style-type: none"> ■ 2 * DDR4-3200 SODIMM slot, up to 64GB total
Expansion Slots	<ul style="list-style-type: none"> ■ M.2 E-key 2230 (for WIFI) ■ M.2 B-key 3042/3052 with SIM slot (for cellular)
Storage	<ul style="list-style-type: none"> ■ 1 * SATA3 6Gb/s port ■ M.2 M-key PCIE 4.0 x4 NVME 2242/2280
Audio	<ul style="list-style-type: none"> ■ Realtek HD Audio
Network	<ul style="list-style-type: none"> ■ 1 * Intel i225-V 2.5GbE ■ 1 * Intel i219-LM GbE supporting iAMT
Other Features	<ul style="list-style-type: none"> ■ Support ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec, Optional TPM 2.0
Rear Panel I/O	<ul style="list-style-type: none"> ■ 2 * USB 3.2 Gen2 Type-C (DP 4K@60Hz) ■ 2 * HDMI 4K@60Hz ■ 2 * RJ-45 ports ■ 12V-24V DC-in jack (1-pin 2.5mm ID / 5.5mm OD)
Front Panel I/O	<ul style="list-style-type: none"> ■ 1 * USB 3.2 Gen2 Type-C (USB only) ■ 2 * USB 3.2 Gen2 Type-A ■ Line out/Mic combo jack
Internal I/O	<ul style="list-style-type: none"> ■ 1 * USB header for 2 * USB 2.0 ports, 1 * Serial header (RS232) ■ AT/ATX Power switch mode, 8bit GPIO, SMBUS header
BIOS	<ul style="list-style-type: none"> ■ AMI Flash ROM
Box Contents	<ul style="list-style-type: none"> ■ MU10 Motherboard
Certifications	<ul style="list-style-type: none"> ■ CE, FCC, RoHS, ErP
Temperature	<ul style="list-style-type: none"> ■ Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C
Form Factor	<ul style="list-style-type: none"> ■ NUC Form Factor (101mm x 101mm)
Warranty	<ul style="list-style-type: none"> ■ 2 Years Limited Warranty

*Specifications subject to change without notice, not responsible for typographical errors.



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