MU03

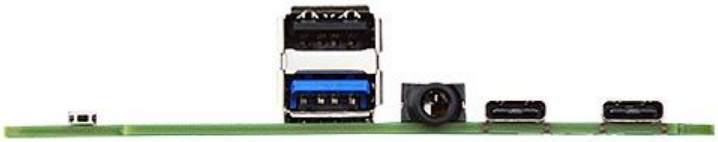
NUC Industrial Motherboard / Celeron J6412
2 HDMI / DP / 2*2.5GbE / 12V

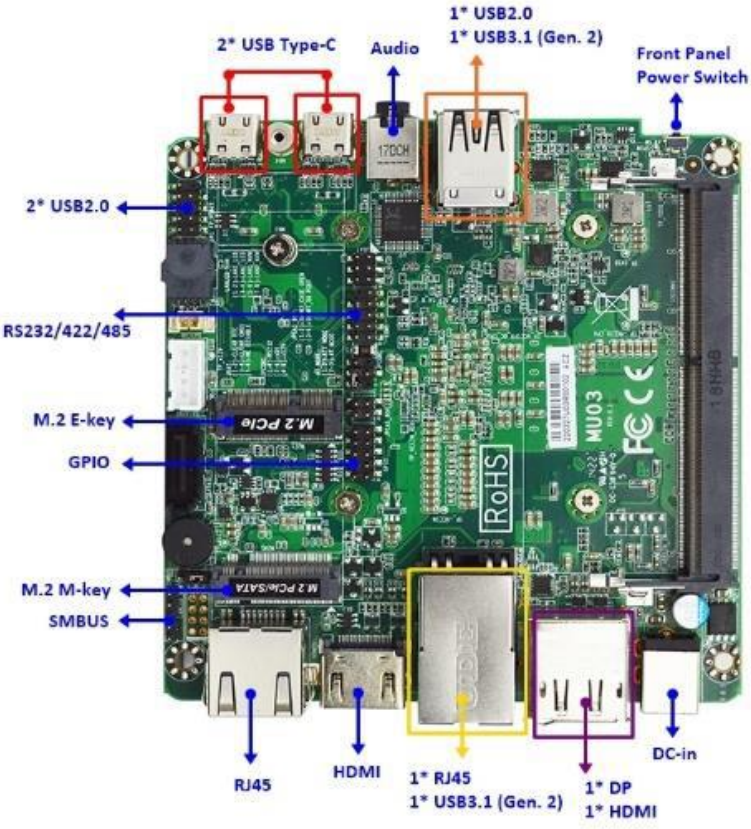


Features

1. Long-Life Embedded Industrial Motherboard with Planned Lifecycle Through Q1'2036, CPU Mounted on Bottom of Motherboard for Easy Integration into Fanless Systems
2. Intel Celeron J6412 SoC Processor, Quad-Core
3. Supports up to 3 Displays, 2*HDMI, 1*DisplayPort
4. Supports DDR4-3200 SODIMM up to 32GB Total
5. 1 * SATA3, M.2 SATA/PCIE 3.0 x2, M.2 2230 (WIFI)
6. 2 * Intel 2.5GbE LAN, HD Audio, 1 * Serial
7. 4 * USB 3.2 Gen2, 1 * USB 2.0, SMBUS Header
8. Watchdog Timer, GPIO, AT/ATX Power Switch Mode
9. 12V DC-in Power Connector
10. NUC Form Factor (101mm x 101mm)







Model / Series	■ MU03
Part No	■ MU03-00 ■ MU03-03 (32GB EMMC), MU03-07 (32GB EMMC, TPM2) ■ MU03-04 (64GB EMMC), MU03-08 (64GB EMMC, TPM2)
Processor	■ Intel Celeron J6412 SoC, Quad-Core, 10W TDP, Elkhart lake ■ *Ships with CPU Heatsink/Fan for bench testing
Chipset	■ SoC
Video	■ Intel HD Graphics
Memory	■ 1 * DDR4-3200 SODIMM slot, up to 32GB total
Expansion Slots	■ M.2 E-key 2230 (for WIFI)
Storage	■ 1 * SATA3 6Gb/s port, Optional 32GB/64GB EMMC ■ M.2 M-key SATA/PCIE 3.0 x2 NVME 2260/2280 length
Audio	■ Realtek HD Audio
Network	■ 2 * Intel i225/i226-V 2.5GbE LAN
Other Features	■ Support ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec, Optional TPM2
Rear Panel I/O	■ 1 * USB 3.2 Gen2 port ■ 2 * RJ-45 ports ■ 2 * HDMI 4K @60Hz, 1 * DisplayPort 4K @60Hz ■ 12V DC-in jack (1-pin 2.5mm ID / 5.5mm OD)
Front Panel I/O	■ 1 * USB 3.2 Gen2 port Type-A ■ 2 * USB 3.2 Gen2 port Type-C (USB only) ■ 1 * USB 2.0 port ■ Line-out/Mic combo jack, Power Switch
Internal I/O	■ 1 * USB header for 2 * USB 2.0 ports ■ AT/ATX Power switch mode, 8bit GPIO, SMBUS header ■ 1 * Serial header (RS232/422/485)
BIOS	■ AMI Flash ROM
Box Contents	■ MU03 Motherboard
Certifications	■ CE, FCC, RoHS, ErP
Temperature	■ Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C
Form Factor	■ NUC Form Factor (101mm x 101mm)
Warranty	■ 2 Years Limited Warranty

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

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