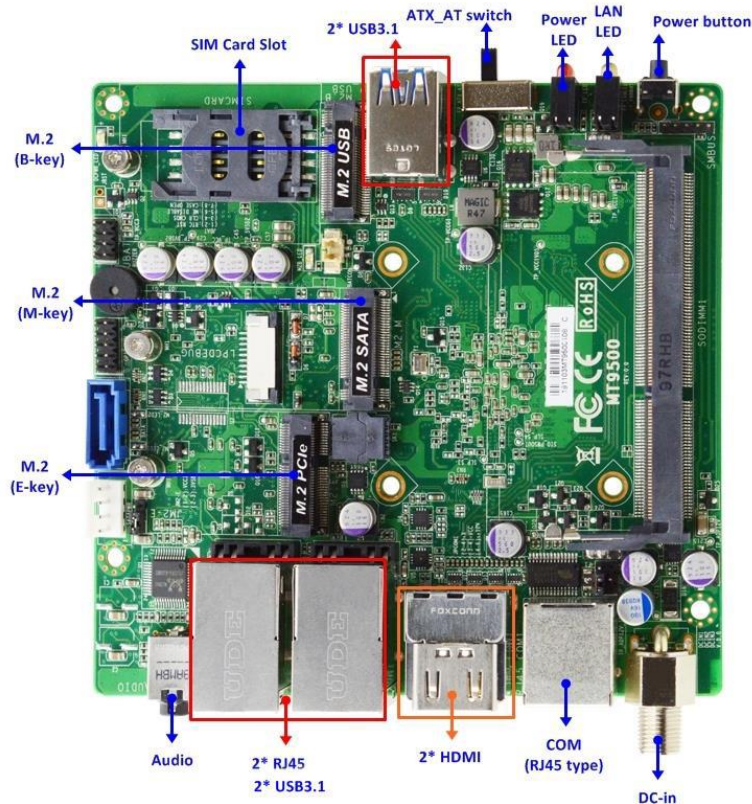


MT95

NUC-UTX Fanless Embedded Motherboard 2 LAN / 1 COM / Wide Temp -20C – 85C / 12V

Features

1. CPU Mounted on Bottom of Motherboard for Easy Integration into Fanless Systems
2. Intel Atom x5-E3940 Apollo Lake Industrial Processor
3. Supports DDR3L-1866 SODIMM up to 8GB Total
4. 2 * Intel i210-IT Gigabit LAN, 2 * HDMI 4K@30Hz
5. 1 * SATA3 6Gb/s, 1 * M.2 SATA 2242, M.2 2230
6. M.2 3042 with SIM Card Holder for 3G/4G
7. Mic/Line-out Combo jack, 4 * USB 3.2 Gen1 Ports
8. 12V DC-in, 1 * RJ45 RS232, 8-bit GPIO,
9. External AT/ATX Mode Switch, Watchdog Timer
10. Wide Operating Temperature -20C – 85C
11. UTX Form Factor (117mm x 112mm)



Model / Series	<ul style="list-style-type: none"> ■ MT95
Part No	<ul style="list-style-type: none"> ■ MT95-90
Processor	<ul style="list-style-type: none"> ■ Intel Atom x5-E3940 industrial SoC Processor, Apollo Lake ■ *No CPU heatsink included, requires a heatsink/thermal solution for bench testing
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"> ■ 1 * 204-pin SO-DIMM slot supporting DDR3L-1866 up to 8GB total
Expansion Slots	<ul style="list-style-type: none"> ■ 1 * M.2 2230 E-key for WIFI, 1 * M.2 3042 B-key with SIM Card Holder for 3G/4G
Storage	<ul style="list-style-type: none"> ■ 1 * SATA3 6Gb/s port ■ 1 * M.2 SATA M-key 2242 ■ Onboard 32GB eMMC
Audio	<ul style="list-style-type: none"> ■ Realtek ALC662
Network	<ul style="list-style-type: none"> ■ 2 * Intel i210-IT Gigabit LAN
Other Features	<ul style="list-style-type: none"> ■ Support ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec, Optional TPM
Rear Panel I/O	<ul style="list-style-type: none"> ■ 2 * USB 3.2 Gen1 ports ■ 2 * HDMI 4K@30Hz ■ Line-out/Mic combo jack, 2 * RJ-45 ports, 1 * RJ45 RS232 ■ +12V DC-in locking jack (2.5mm ID/5.5mm OD)
Front Panel I/O	<ul style="list-style-type: none"> ■ 2 * USB 3.2 Gen1 ports, Power button, PWR/HDD/LAN LEDs, AT/ATX mode switch
Internal I/O	<ul style="list-style-type: none"> ■ 8-bit GPIO header, SMBUS ■ OEM OPTION: Onboard TPM 2.0
BIOS	<ul style="list-style-type: none"> ■ AMI UEFI Flash ROM
Box Contents	<ul style="list-style-type: none"> ■ MT95 Motherboard (No heatsink)< SATA cable, internal power cable
Certification	<ul style="list-style-type: none"> ■ CE, FCC, RoHS, ErP
Temperature	<ul style="list-style-type: none"> ■ Operating Temperature -20C – 85C (using industrial class SSD & memory) ■ Storage Temperature -20C - 85C
Form Factor	<ul style="list-style-type: none"> ■ UTX Form Factor (117mm x 112mm)
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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