

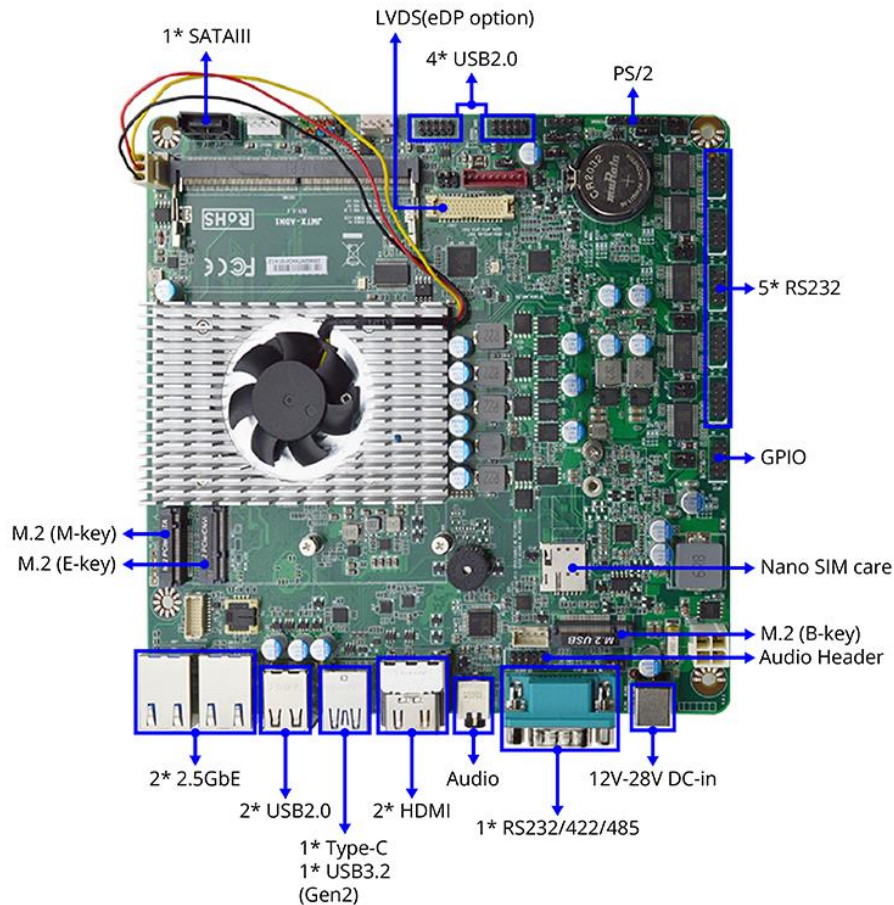
JMTX-ADN1

Thin Mini-ITX Industrial Motherboard
N97 / 2*2.5GbE / 3*Display / 6*COM / 12-28V



Features

1. Industrial Embedded Motherboard with Planned Lifecycle Through Q1'2038
2. Intel Processor N97 Quad-Core, Alder Lake-N Platform
3. 1 * DDR5-4800 slots supporting up to 16GB Total
4. Up to 3 Displays, 2*HDMI 4K@60Hz, USB-C(DP), LVDS/eDP
5. 2 *Intel 2.5GbE, HD Audio
6. 1 * SATA3 6Gb/s Port, M.2 SATA or PCIE 3.0 x2 NVME
7. M.2 for Cellular with SIM Card Holder, M.2 for WIFI
8. 2 * USB 3.2 Gen2, 6 * USB 2.0, 8bit GPIO
9. 6 * Serial Ports, Watchdog Timer, AT/ATX Power Mode
10. 12-28V DC-in or 4-pin Alternate Internal Power Connector
11. Compatible with Windows 10/11 64bit, UEFI Linux
12. Thin Mini-ITX Form Factor (170mm x 170mm)



Model / Series	<ul style="list-style-type: none"> ■ MTX-ADN1
Part No	<ul style="list-style-type: none"> ■ JMTX-ADN1-N97000 ■ JMTX-ADN1-N97002 (TPM2) ■ JMTX-ADN1-N97004 (64GB EMMC) ■ JMTX-ADN1-N97008 (64GB EMMC, TPM2)
Processor	<ul style="list-style-type: none"> ■ Intel Processor N97, Alder Lake-N Platform, heatsink with integrated fan
Chipset	<ul style="list-style-type: none"> ■ SoC
Video	<ul style="list-style-type: none"> ■ Intel UHD Graphics
Memory	<ul style="list-style-type: none"> ■ 1 * SO-DIMM slots supporting DDR5-4800 up to 16GB total
Expansion Slots	<ul style="list-style-type: none"> ■ M.2 E-key 2230 (USB/PCIE/CNVI) ■ M.2 B-key 3042/3052 (USB3/USB2) with Nano SIM Card Holder
Storage	<ul style="list-style-type: none"> ■ 1 * SATA3 6Gb/s port ■ M.2 M-key SATA or PCIE 3.0 x2 NVME 2242/2280
Audio	<ul style="list-style-type: none"> ■ HD Audio, 3W L+R Amp
Network	<ul style="list-style-type: none"> ■ 2 * Intel i226-V 2.5GbE
Other Features	<ul style="list-style-type: none"> ■ Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec., TPM2 IC optional
Rear Panel I/O	<ul style="list-style-type: none"> ■ 1 * USB 3.2 Gen2 Type-A port, 1 * USB 3.2 Gen2 Type-C (DP 1.4 ALT Mode) ■ 2 * USB 2.0 ports, Line-out/Mic combo jack ■ 2 * HDMI 2.0b 4K@60Hz, 1 * DB9 RS232/422/485 port ■ 12-28V DC-in jack
Internal I/O	<ul style="list-style-type: none"> ■ 2 * USB headers for 4 * USB 2.0 ports ■ 5 * Serial headers (RS232), LVDS/eDP header (select 1) ■ 8bit GPIO, SMBus, AT/ATX power switch mode, PS2 KB/Mouse combo header ■ 4-pin 12-28V Alternate internal power connector
BIOS	<ul style="list-style-type: none"> ■ AMI UEFI Flash ROM with Intel PTT (TPM2 emulation)
Box Contents	<ul style="list-style-type: none"> ■ MTX-ADN1 Motherboard, I/O Shield, RS232 cable, SATA data/power cable
Certification	<ul style="list-style-type: none"> ■ CE, FCC, RoHS, ErP/EuP, REACH
Temperature	<ul style="list-style-type: none"> ■ Operating Temperature -20~60 ° C ■ Storage Temperature -20-85 ° C
Form Factor	<ul style="list-style-type: none"> ■ Thin Mini-ITX Form Factor (170mm x 170mm)
Warranty	<ul style="list-style-type: none"> ■ 2 Years Limited Warranty

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



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