

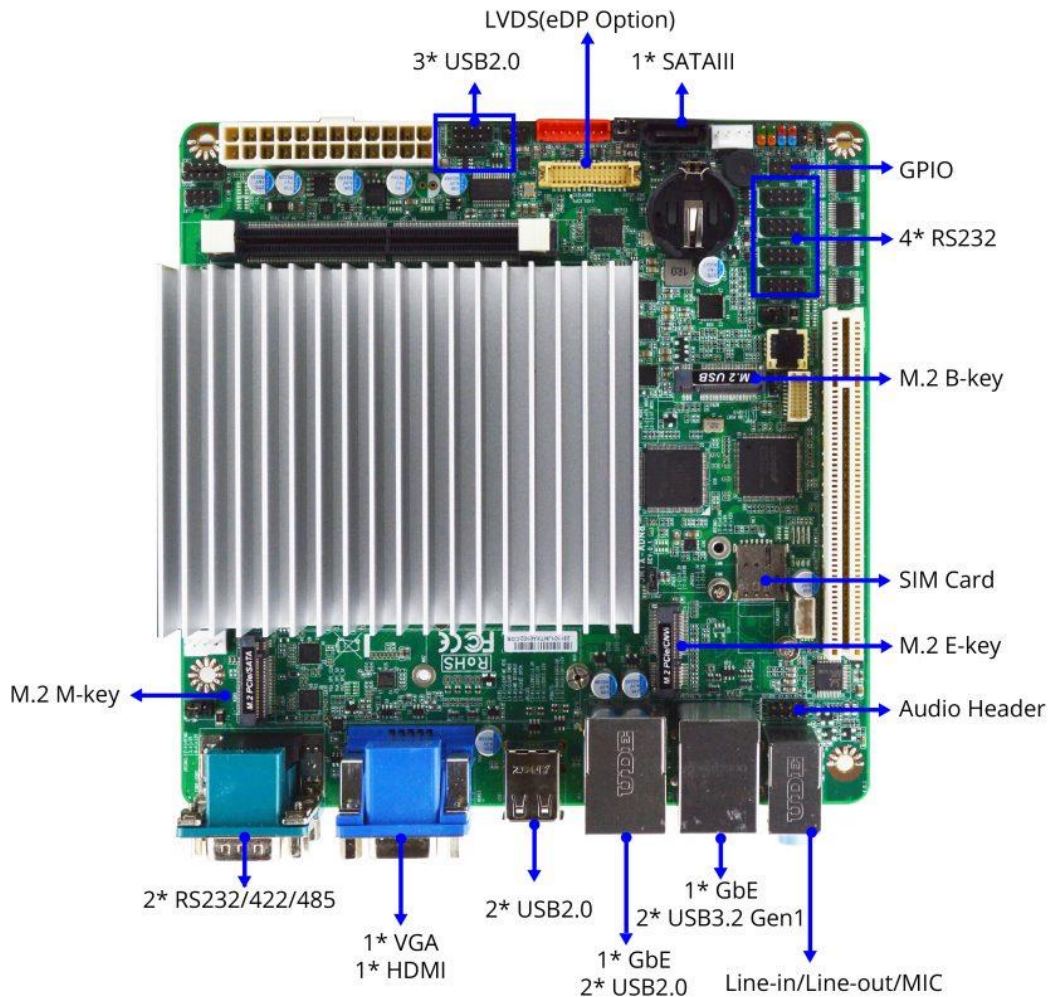
JMTX-ADN8

Fanless Mini-ITX Industrial Motherboard N97 / 2*1GbE / H/V/eDP/L / PCI / ATXPWR



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 32GB Total
4. Up to 3 Displays, HDMI 4K@60Hz, VGA, eDP/LVDS
5. 2*Realtek 1GbE, HD Audio, Optional EMMC
6. 1*SATA3 6Gb/s, M.2 SATA or PCIE 3.0 x1 NVME
7. M.2 for Cellular with SIM Holder, M.2 for WIFI
8. 2*USB 3.2 Gen1, 7*USB 2.0, 8bit GPIO
9. 6 * Serial Ports, Watchdog Timer, AT/ATX Power Mode
10. 24-pin ATX Power Connector, 32bit PCI Slot
11. Compatible with Windows 10/11, UEFI Linux
12. Mini-ITX Form Factor (170mm x 170mm)



Model / Series	<ul style="list-style-type: none"> ■ MTX-ADN8
Part No	<ul style="list-style-type: none"> ■ JMTX-ADN8-N97000 ■ JMTX-ADN8-N97002 (TPM2) ■ JMTX-ADN8-N97004 (64GB EMMC) ■ JMTX-ADN8-N97008 (64GB EMMC, TPM2)
Processor	<ul style="list-style-type: none"> ■ Intel Processor N97, Alder Lake-N Platform, passive heatsink
Chipset	<ul style="list-style-type: none"> ■ SoC
Video	<ul style="list-style-type: none"> ■ Intel UHD Graphics, up to 3 displays
Memory	<ul style="list-style-type: none"> ■ 1 * SO-DIMM slots supporting DDR5-4800 up to 32GB 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 ■ 32bit PCI slot
Storage	<ul style="list-style-type: none"> ■ 1 * SATA3 6Gb/s port ■ M.2 M-key SATA or PCIE 3.0 x1 NVME 2242/2280
Audio	<ul style="list-style-type: none"> ■ HD Audio, 3W L+R Amp
Network	<ul style="list-style-type: none"> ■ 2 * Realtek RTL8111H 1GbE
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"> ■ 2 * USB 3.2 Gen1 ports, 4 * USB 2.0 ports ■ HDMI 2.0b 4K@60Hz, VGA 1080p, 2 * Serial RS232/422/485 ports ■ Line out, Line-in, Mic Jacks
Internal I/O	<ul style="list-style-type: none"> ■ 2 * USB headers for 3 * USB 2.0 ports ■ 4 * Serial headers (RS232), LVDS/eDP header (select 1 in BIOS) ■ 8bit GPIO, SMBus, I2C, AT/ATX power switch mode ■ 24-pin ATX 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"> ■ JMTX-ADN8 Motherboard, I/O Shield, SATA 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"> ■ 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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