

Empowering Edge AI with Intel® Core™ Ultra Processors & Triple 2.5GbE



MTX-ARH1

Thin Mini-ITX with Intel® Core™ Ultra Processors (Series 2), DDR5, and 3x 2.5GbE



Jetway [MTX-ARH1](#) is a high-performance Thin Mini-ITX motherboard powered by the latest Intel® Core™ Ultra processors (Series 2). Designed for advanced Edge AI and industrial computing, it features built-in Intel® AI Boost (NPU) and Intel® Arc™ Graphics, delivering superior inferencing capabilities and stunning visuals without the need for discrete graphics cards.



This board excels in connectivity, offering three Intel® Ethernet Controller I226-LM / I226-V (2.5GbE) LAN ports for robust networking and supporting up to four simultaneous 4K displays via HDMI® 2.1. With support for dual-channel DDR5 6400MT/s memory and PCIe Gen5 expansion, the MTX-ARH1 provides a compact, powerful, and future-proof solution for digital signage, medical imaging, and smart automation applications.



Key Features



Built-In NPU
Acceleration



High-Speed
Connectivity



Quad 4K/8K
Display Output



DDR5 & Gen5
Expansion

Intel Products & Technology



[Intel® Core™
Ultra Processors](#)



[Intel® Ethernet](#)



[Intel® Arc™
Graphics](#)

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