

Mini-ITX Powered by Intel® Core™ Ultra Series 3 Processors



MIX-PTLWV1



Mini-ITX with PCIe5.0, 12–24V Input and 10G LAN for Enhanced Capability

Powered by Intel® Core™ Ultra Series 3 Processors, the [MIX-PTLWV1](#) enhances high-speed processing, operational efficiency and industrial versatility. The wide voltage design (12V~24V) simplifies power integration into diverse industrial and robotic platforms, providing superior power flexibility. The dual 10GbE pls dual 2.5GbE LAN ports and PCIe Gen 5 slot ensure seamless communication for massive data throughput and high-speed expansion. MIX-PTLWV1, engineered for high-bandwidth excellence, elevates workflow with quad display and up to 6400 MT/s of high-speed memory support.



Key Features



Next-Gen PCIe5.0
Connectivity



High-Bandwidth
Quad-LAN



Wide-Range
Power Design



Quad-Display
Support

Intel Products & Technology



[Intel® Core™
Ultra Processors](#)



[Intel® vPRO](#)



[OpenVINO™
Toolkit](#)



[Intel® Ethernet](#)



[oneAPI
Intel® oneAPI
Toolkit](#)

Intel technologies may require enabled hardware, software or service activation. // No product or component can be absolutely secure. // Your costs and results may vary. // Performance varies by use, configuration and other factors. // See our complete legal [Notices and Disclaimers](#). // Intel is committed to respecting human rights and avoiding causing or contributing to adverse impacts on human rights. See Intel's [Global Human Rights Principles](#). Intel's products and software are intended only to be used in applications that do not cause or contribute to adverse impacts on human rights.

© Intel Corporation. Intel, the Intel logo and other Intel marks are trademarks of Intel Corporation or its subsidiaries.

Other names and brands may be claimed as the property of others.