

Rugged Fanless Embedded System with AI Acceleration



WEBS-45J1-BTL

Rugged Intel AI PC for Reliable Factory & Automation

The Portwell [WEBS-45J1-BTL](#) is a rugged, fanless embedded system engineered for continuous reliability. Powered by Intel® Core™ processors (Series 2) and supporting an impressive 96GB of DDR5 memory, it seamlessly delivers desktop-grade performance in a robust chassis. Deploying the WEBS-45J1-BTL significantly minimizes maintenance downtime while maximizing operational efficiency. Its key features include extensive I/O with triple DisplayPort, HDMI, and multiple COM ports, perfectly suiting POS, kiosks, and automation networks. What truly differentiates the WEBS-45J1-BTL in the crowded industrial computing market is its optional, pre-assembled Hailo-8™ AI accelerator module. This unique integration effortlessly transforms the system into a high-performance Edge AI Box capable of handling complex inferencing directly at the data source.



Key Features



Desktop-Grade Processing



Integrated AI Acceleration



Rugged Fanless Design



Versatile Connectivity



Intel Products & Technology



[Intel® Core™ Processors](#)



[Intel® Ethernet](#)



[Intel® UHD Graphics](#)



[OpenVINO™ Toolkit](#)



[Intel® oneAPI Toolkit](#)

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