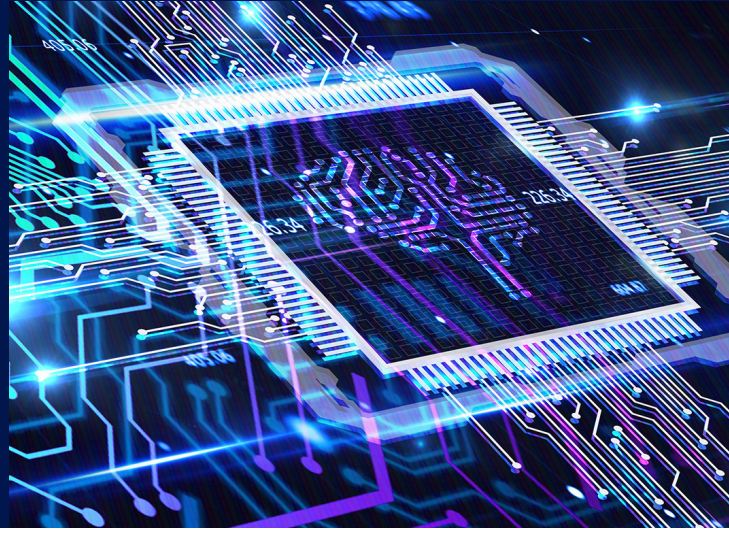


High-Performance Edge Computing for Intelligent Industries



BRAV-7821

JHCTECH x **intel**

Intel® Core™ Ultra Processor-Based Edge System for AI and MEC Workloads

Modern industries such as smart transportation, machine vision, intelligent logistics, and medical imaging demand high-performance edge computing platforms capable of handling real-time data processing, multi-network connectivity, and flexible expansion within compact deployments. Traditional systems often struggle to balance performance, scalability, and power efficiency at the edge.

The [BRAV-7821](#) Edge Computing System addresses these challenges by leveraging Intel® Core™ Ultra processors (Series 2), delivering powerful compute performance with improved energy efficiency for MEC and AI-enabled workloads. Supporting up to 96GB DDR5 memory, dual independent UHD displays, and multiple high-speed storage options, the system enables smooth data visualization and rapid local processing.

With rich I/O, multi-port Gigabit LAN connectivity, and support for 4G LTE, 5G NR, and Wi-Fi 6, BRAV-7821 ensures reliable connectivity across diverse edge environments. Its industrial-grade aluminum-magnesium chassis and fan-cooled design make it a robust and scalable solution, differentiated by its balance of performance, expandability, and deployment flexibility.



Key Features



Three AI Engines:
CPU+IGPU+NPU



Flexible
Expansion



Wide-Temp
Operation



Industrial-Grade
Reliability

intel ai

Intel® AI Edge Systems

Intel Products & Technologies



[Intel® Core Ultra
Processors](#)



[Intel® Ethernet](#)



[OpenVINO™
Toolkit](#)

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