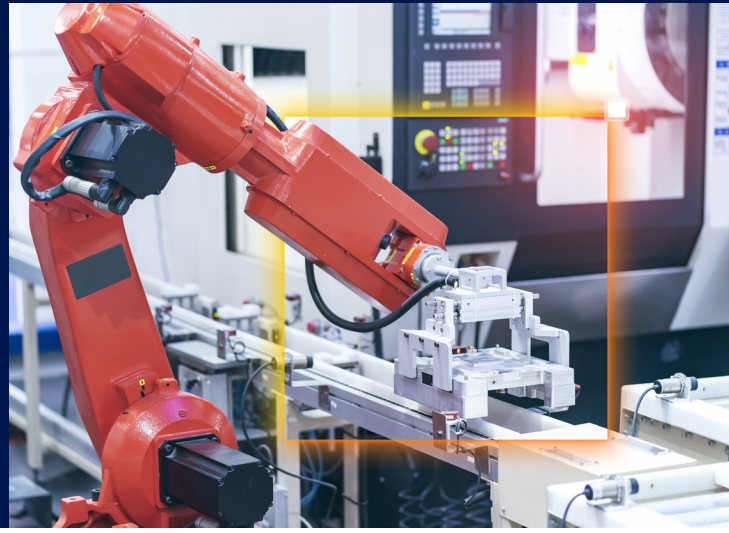


High Performance & PCIe Expandable Rugged Embedded Computer



DS-1500 Series



Intel® Core™ Ultra 200S Powered Edge AI with Modular Expansion for Smart Manufacturing

The [DS-1500 series](#) is a highly configurable rugged embedded computer platform designed to handle complex workloads in smart manufacturing, railway, and IIoT environments. Its flexible architecture supports 36 TOPS AI with Intel® Core™ Ultra 200S processors, 96GB 6400 MHz DDR5 ECC memory, rich modular I/O including 10 GbE LAN, COM, DIO, and M.2 slots. Dual PCI/PCIe expansion with patented vibration-proof retainers enables stable GPU and I/O cards. Certified to MIL-STD-810H shock/vibration, EN 50121-3-2 rail EMC, and EN 45545-2 fire standards, it thrives in -40 to 60°C with 9-48 VDC power for reliable edge AI and real-time processing.



Key Features



Accelerated AI
Capabilities



Expandable
I/O



PCI/PCIe
Expansion



Industrial-
Grade

intel ai

Intel® AI Edge Systems

Intel Products & Technologies



[Intel® Core™ Ultra
200S Processors](#)



[Intel® Ethernet](#)



[Intel® W880 Chipset](#)

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.