High Performance & PCIe Expandable Rugged Embedded Computer

DS-1500 Series

CINCOZE × intel

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 Products & Technology

Intel® Core™ Ultra 200S Processors

Intel® Ethernet

Intel® W880 Chipset

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