

# 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 Products & Technology



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



[Intel® Ethernet](#)

[Intel® W880 Chipset](#)

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