DIN-Rail Fanless Edge Computer with Quad Ethernet

DCO-1000-ASL

Compact DIN-Rail Mountable Fanless Computer with Intel Atom® x7433RE Processor

DCO-1000-ASL is an ultra-compact, DIN-rail-mounted fanless edge computer purpose-built for industrial IoT and automation in space-constrained environments. Powered by the Intel Atom® x7433RE processor (quad-core, 9 W TDP) with blazing-fast DDR5 memory, it delivers efficient performance for real-time data processing at the edge. The system features 4× 2.5 GbE LAN ports with TSN support, dual 4K DisplayPort outputs, and a balanced I/O configuration including multiple USB 3.2 and serial ports for seamless sensor and device integration. Expansion options include M.2 slots for NVMe storage and wireless connectivity, while out-of-band management enables secure remote monitoring and recovery even when the OS is unresponsive. Built for harsh industrial conditions, DCO-1000-ASL operates fanlessly from −40 °C to 55 °C, supports wide-range 9–36 VDC power input with protections (OCP, OVP, RPP), and meets MIL-STD-810G shock and vibration standards. TPM 2.0 security and world-class certifications (UL, CE, FCC) ensure reliability for mission-critical IIoT deployments.

Key Features

Semi-Rugged Fanless Design	Supports 4x 2.5 GbE LAN	OOB Remote Management	DIN-Rail Mountable

Intel Products & Technology

Intel Atom® Processors