

Compact & Flexible Real-Time Inference Workstation for Edge



ECX-3000 PEG Series

Vecow x intel.

Accelerating Mission-Critical AI Workloads in Rugged Environments

The Vecow [ECX-3000 PEG](#) is a workstation-grade Edge AI platform optimized for the most demanding machine vision and robotics challenges. Powered by the latest Intel® Core™ 200S Series processors with up to 65W TDP, it delivers a massive leap in multi-core productivity and energy efficiency.

To satisfy the demand for intensive AI computing, the system supports independent low-profile graphics (up to 200W) for real-time inference. It excels in Compact Integration, featuring 4x 2.5G PoE+, 20Gbps USB 3.2 Gen 2x2, up to 4 PCIe expansions and max 4 front-access SSD trays with RAID 0, 1, 5, 10 data protection. Designed for mission-critical reliability, it is EN50155 certified with 12V to 50V wide-range power and ignition control. With built-in TSN, Intel TCC, and vPro, the ECX-3000 PEG is the definitive choice for Gen AI, AMR, Smart Manufacturing, and Rolling Stock applications in harsh environments.



Key Features



High-Performance
Workstation



Compact
Design



Rugged,
Harsh-Ready



Machine Vision
Ready

intel ai

Intel® AI Edge Systems

Intel Products & Technologies



[Intel® Core™ Processors](#)



[Intel® Ethernet](#)



[Intel vPro®](#)



[OpenVINO™
Toolkit](#)

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