

Onyx & Onyx Pro

Compact Compute.
Maximum Impact.



Enterprise-class infrastructure for factory floors, control cabinets, and industrial environments where racks and towers don't belong.

Why Onyx Wins in Industrial Environments



Fits Inside Control Cabinets

Compact form factor deploys directly into control cabinets, DIN rail enclosures, and production-floor housings, no racks, dedicated IT rooms, or special cooling required.



24/7 Industrial-Grade Operation

Built for continuous operation in harsh environments with extended temperature ranges, vibration tolerance, and reliable performance where tower PCs fail.



Machine Vision & Automation Ready

High-speed NVMe and PCIe expansion support real-time AI inference, camera-based quality inspection, and automation controllers from a single compact device.



Consolidate Site Infrastructure

Replace multiple appliances, compute, networking, storage, and security, with one standardized platform. Fewer devices, fewer failure points, lower overhead.



Enterprise Networking Built in

Onyx Pro delivers dual 10GbE SFP+ and dual 2.5GbE for high-bandwidth sensor, camera, and PLC data, plus network segmentation from one device.



SCALE Computing Certified

Centralized Orchestration & Remote Management

SCALE FLEET MANAGER™
SCALE HYPERCORE™

Built to Spec.
Built to Last.
Built for the Edge.

The future isn't in the cloud – it's right at the Edge.
Deploy smarter, faster, and closer to where data happens.

**Building for
the Edge
with you.**

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Key Specifications

Specification	Onyx	Onyx Pro
Processor	13th Gen Intel® Core™ Processors (up to v9)	13th Gen Intel® Core™ v9 Processor
Memory	Up to 96GB DDR5 SO-DIMM	Up to 96GB DDR5 SO-DIMM
Storage	1× M.2 NVMe (up to 8TB) + 1× 2.5" Bay (up to 8TB on select models)	3× M.2 NVMe (up to 24TB)
PCIe Expansion	N/A	1× PCIe 4.0 x16 Slot
Networking	2.5GbE	Dual 10GbE SFP+, Dual 2.5GbE
Display	2× HDMI 2.1 + Dual AltDP	1× HDMI 2.0 + Dual AltDP
USB	2× USB-C 4.0, 3× USB 3.2 Gen 2, 1× USB 2.0	2× USB-C 4.0, 3× USB 3.2 Gen 2, 2× USB 2.0

Industrial Use Cases



Machine vision
and real-time
quality inspection



SCADA, HMI, and
industrial process
control



Edge AI inference
for predictive
maintenance



On-site
networking,
storage,
and security
consolidation



Fleet-wide
standardized
compute across
facilities

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