

Onyx & Onyx Pro

Compact Compute.
Maximum Impact.



Standardized IT infrastructure for every store, replacing back-office servers and tower PCs with enterprise-grade compute that fits anywhere.

Why Onyx Wins in Retail Environments



One Platform, Every Store

Deploy an identical, standardized hardware platform across all locations, eliminating inconsistent hardware, simplifying support, and enabling fleet-wide management from a single pane of glass.



Replace Back-Office Servers & Tower PCs

Server-class performance in a compact device that fits inside back-office cabinets, under counters, or wall-mounted, no racks, server closets, or dedicated IT rooms needed.



POS, Analytics & Digital Signage Ready

High-speed NVMe and robust I/O support point-of-sale systems, in-store analytics, customer-facing displays, and loss prevention from one device.



Consolidate Store Infrastructure

Combine compute, networking, storage, and security workloads into a single compact device. Reduce device sprawl, lower power costs, and cut failure points at every location.



Enterprise Networking for Store Operations

Onyx Pro delivers dual 10GbE SFP+ and dual 2.5GbE for high-bandwidth camera traffic, network segmentation, and POS connectivity, all 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

Retail Use Cases



Point-of-sale
and payment
processing
infrastructure



In-store analytics,
customer
tracking, and loss
prevention



Digital signage
and customer-
facing display
management



Network
segmentation,
VPN, and store-
level security



Fleet-wide
standardized
infrastructure
across all
locations

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

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