

AI-Powered Autonomous Retail

Mr.R - AI Powered Autonomous Retail



By leveraging Intel® technologies, Mr.R by UniStop helps retailers overcome staffing, space, and deployment constraints with AI-powered autonomous retail. The result is always-on shopping with broader product selection and lower operating costs.

UniStop's Mr.R is an AI-driven autonomous retail terminal combining a six-axis robotic arm, multi-temperature-zone storage, computer vision, and a large-format 3D curved LED/touchscreen display to deliver a full unmanned retail experience. Running on ASUS NUC 15 Pro and powered by Intel® Core™ Ultra processors (Series 2) with integrated Intel® Arc graphics, Mr.R performs on-device AI for product recognition, inventory tracking, and customer interaction — enabling "store-in-a-box" deployment anywhere without staffing or large footprints. The OpenVINO™ toolkit optimizes AI models for real-time product identification, inventory management, dynamic pricing, personalized promotions, and theft detection, enabling scalable, intelligent retail experiences with lower complexity, power consumption, and operating costs.

UniStop licenses the Mr.R platform to retailers and operators with active deployments and partnerships across Singapore, Japan, the Philippines, and the US. The solution allows retailers and operators open unmanned, always-on retail points anywhere — cutting real estate and labor costs while offering a wider SKU range and better customer experience than traditional vending.

Mr.R by UniStop delivers AI-powered autonomous retail with on-device intelligence, computer vision, and robotic automation. The result is expanded retail reach, lower operating costs, and reduced staffing dependency.

Intel Products & Technologies

Accelerating AI and analytics at the edge



[Intel® Core™ Ultra Processors](#)



[Intel® Arc™ A-Series Graphics](#)



[OpenVINO™ Toolkit](#)

Key Intel-Enabled Features

Real-Time AI and analytics make it easy



AI Product
Recognition



Real-Time Vision
Monitoring



Interactive AI
Assistance



Always-On Retail
Operations

Powered by Intel® processors and optimized with the OpenVINO™ toolkit, UniStop Tech and ASUS deliver:

01



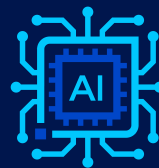
Intel® Core™ Ultra
processors enable
on-device product AI.

02



OpenVINO™ toolkit
accelerates real-time
inventory vision AI.

03



Intel® Arc™ graphics
powers responsive
on-device AI assistants.

04



Power-efficient Intel®
architecture supports
continuous retail uptime.

That's the power of Intel Inside®.

Country/Geo:

United States; Canada;
Europe, Middle East, and Africa;
Asia Pacific, Japan, Australia &
New Zealand

Verticals:

Retail & Consumer;
Robotics

Use Cases:

Self-Checkout; Loss Prevention;
Age Verification; Product
Recognition; Product Switching;
Shopper Behavior;
Vision Guided Robots

About UniStop Tech Pte Ltd

UniStop Tech Pte Ltd is a Singapore-headquartered Physical AI company building Mr.R, an AI-driven autonomous retail terminal. UniStop operates as a technology licensor, partnering with retailers and operators globally to deploy autonomous retail at scale.

www.unistop.tech

[Unistop Tech Mr.R - Edge AI
Partner Spotlight](#)

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Intel® AI Edge Applications

About ASUS

ASUS is a global technology company driven by innovation and passionate about enhancing digital life. It designs and delivers a broad range of products and solutions that empower people and organizations, combining cutting-edge engineering, quality, and sustainability to create intuitive, reliable experiences for users worldwide.

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[ASUS NUC 15 Pro - Edge AI
Partner Spotlight](#)

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Intel® AI Edge Systems

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