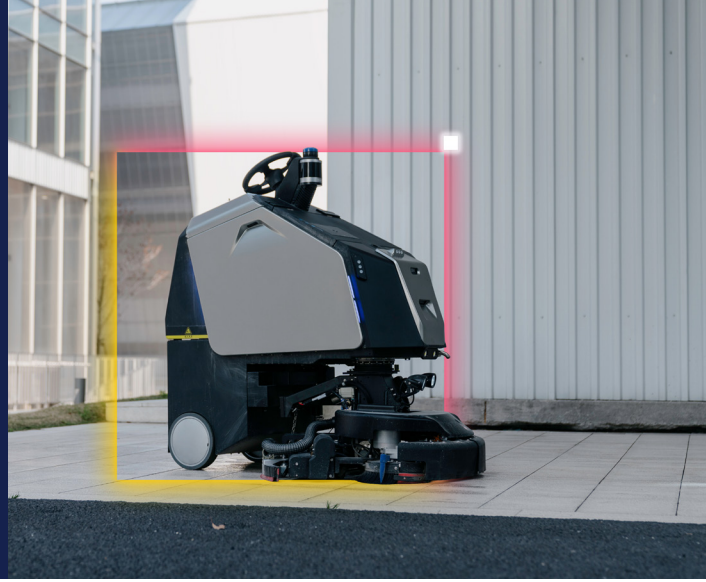


A Turnkey Physical AI Autonomous Mobility End-to-End Platform Solution

OmniSuite



CYBERWORKS
ROBOTICS



ASUS



intel

By leveraging Intel® technologies, OmniSuite by Cyberworks Robotics helps OEMs overcome the cost, complexity, and long development cycles that prevent autonomous robots from scaling.

OmniSuite is a full-stack autonomy platform that enables OEMs to add production-grade self-driving to any mobile robot in weeks rather than years. Its hybrid AI architecture eliminates ML model training, removes the risk of AI hallucinations, and delivers deterministic perception, mapping, planning, and safety for predictable, verifiable operation in safety-critical environments. OmniSuite runs in the background on Intel® Core™ Ultra Series 3 processors using only ~5% of compute^[1], avoiding GPU cost and thermal complexity while still powering reliable autonomy in hospitals, airports, warehouses, and other demanding environments. The solution has also been successfully onboarded to the ASUS NUC 16 Pro, providing a compact, high-performance edge platform for autonomous robotic deployments. OEMs integrate quickly through a modular API layer that plugs into existing sensors and software stacks, enabling turnkey autonomy without rearchitecting their robots. The result is predictable performance, reduced integration risk, scalable deployment, and dramatically faster time-to-market.

^[1] Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.

OmniSuite by Cyberworks Robotics AI delivers **production-ready, non-hallucinating autonomy** that enables OEMs to deploy safe, self-driving robots in weeks instead of years.

Intel Products & Technologies
Accelerating AI and analytics at the edge



[Intel® Core™ Ultra
Processors \(Series 3\)](#)



[Intel® Core™ Processors](#)



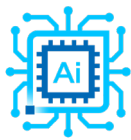
[OpenVINO™ Toolkit](#)

Key Intel-Enabled Features

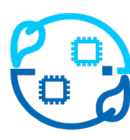
Real-Time AI and analytics make it easy



Weeks-to-Production
Autonomy



Deterministic
Autonomy



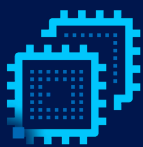
Ultra-Light Compute
Footprint



Modular OEM
Integration Layer

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

01



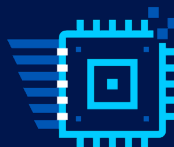
Intel® Core™ Ultra Series
3 processors enable fast
OEM deployment

02



Hybrid AI enables
predictable autonomy
without hallucinations

03



Autonomy runs on ~5%
CPU, eliminating GPU
dependency^[1]

04



Modular APIs simplify
integration across Intel®
platforms

That's the power of Intel Inside®.

^[1] Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.

Country/Geo:

Worldwide

Verticals:

Security & Surveillance; Smart
Cities & Transportation; Smart
Buildings; Robotics; Healthcare &
Life Sciences

Use Cases:

Perimeter and Access Monitoring;
Building Management Systems;
Predictive Maintenance &
Anomaly Detection; Autonomous
Mobile Robot (AMR)

About Cyberworks Robotics

Cyberworks Robotics builds advanced autonomous mobility systems that bring reliable, deterministic self-driving to hospitals, airports, and industrial environments. Its platform delivers high-performance navigation without GPUs, enabling OEMs to deploy safe, production-ready autonomy in weeks while reducing cost, complexity, and integration effort.

www.cyberworksrobotics.com

[OmniSuite - 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.

www.asus.com

[ASUS NUC 16 Pro - Edge AI
Partner Spotlight](#)

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Intel® AI Edge Systems

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