

# RPV20—Level 5 Autonomous Patrol & Logistics Robot

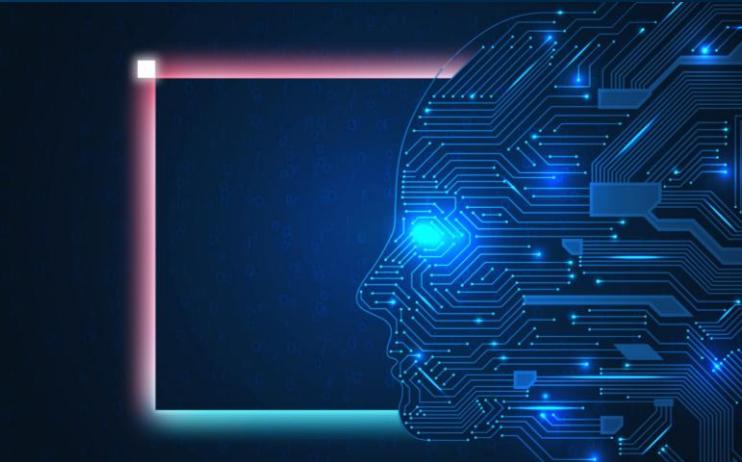
## Driving Operational Safety, Efficiency, and Resilience at Scale

Our Level 5 Autonomous Patrol & Logistics Robot is purpose-built to address the critical challenges faced by modern factories, campuses, logistics hubs, and mission-critical infrastructure—where rising labor costs, workforce shortages, and escalating security requirements are accelerating the need for full automation.

This solution delivers true Level 5 autonomy, enabling 24/7 logistics delivery, security patrol, inspection, and incident response with zero human intervention. By automating high-risk and labor-intensive tasks, it significantly enhances operational safety, productivity, and resilience.

Powered by Intel's high-performance computing platform, the robot integrates AI-driven perception, multi-sensor fusion, and edge computing to achieve real-time situational awareness and adaptive decision-making in complex environments.

The RPV20 supports continuous logistics and security operations—from last-mile material handling and autonomous patrol to intelligent intrusion detection and incident response—reliably operating even in dynamic or hazardous settings.



**Fully autonomous robotic patrol with AI-driven multi-sensor perception and cloud control.**

### Key Intel-Enabled Features



L5 Autonomous Ops



AI Sensor Fusion



Intel AI Compute



Cloud Fleet Mgmt

- Intel® CPU/GPU/NPU deliver fast AI inference to enable L5 autonomous operation.
- Intel® architecture accelerates multi-sensor fusion for real-time perception.
- Intel® Edge and cloud tools optimize low-latency processing for smart decisions.
- Intel® platforms ensure scalable, reliable compute for cloud-based fleet management.

### Intel Products and Technologies

- [Intel® Core™ Processors](#)
- [Intel® Xeon® Processors](#)

- [Intel® oneAPI Base Toolkit](#)

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#### Ordering Guidance:

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**Country/Geo:** Worldwide

**Edge Verticals:** Transportation; Manufacturing & Robotics

**Edge Use Cases :** Operational Efficiency; Robotics; Predictive Maintenance; Process Optimization; Fleet Management; Airports Infrastructure

#### Learn more:

- [7Starlake Website](#)