AI that moves the world.

That's the power of Intel Inside®.

QNX × intel.

One Platform for Every Embedded Workload

This digital factory automation demo illustrates how QNX software leverages Intel's powerful embedded platforms to support real-time control, mixed criticality virtualization, advanced graphics, and simulation within a single system. From deterministic robot motion to isolated ROS 2 and visualization workloads, every component runs securely, predictably, and reliably.

Designed to reflect the capabilities needed for embedded deployments, the demo showcases how developers can scale from safety-critical control to rich user experiences on one trusted QNX foundation.

QNX OS 8.0 provides hard real-time performance, security, and reliability through its next-generation microkernel, enabling developers to fully exploit all 12-cores of the Intel® Core™ i7-12700TE processor. The result is predictable, low-latency execution for high-performance, safety-critical systems across industrial, medical and robotics applications.

Partner Links:

QNX - Foundational Software Solutions for Industrial Automation

QNX Launches Functional Safety Platform to Consolidate Safety Systems and AI Workloads

Learn more about QNX OS for Safety

Partner Name

QNX

Booth Location

4-544

Solution Names

- QNX SDP 8.0

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