



Intel Physical AI and Robotics Hackathon Fact Sheet

AI Infrastructure Summit 2026

Sept. 2026 — Intel, a Ruby Sponsor of the AI Infrastructure Summit Hackathon, is hosting the event's Physical AI & Robotics track. The hybrid challenge gives developers an opportunity to build AI applications that can perceive, reason and act in the physical world using Intel hardware and software.

Physical AI in Action

Physical AI moves AI from models to machines. Intel's approach gives developers flexibility across the development lifecycle: Train Anywhere → Build & Simulate Anywhere → Deploy on Intel. The hackathon brings that strategy to life by helping developers move from models and software to real-world robotics systems.

Two Ways to Participate:

- **Online challenge** — Sept. 10-16: Developers can participate remotely, explore Intel's robotics software ecosystem, build their solution and submit their project digitally.
- **Onsite challenge** — Sept. 15-16: At the Santa Clara Convention Center, developers will build and test directly on preconfigured robotics stations in Intel's Physical AI & Robotics track in Conference Rooms 203/204.

Intel Technology Available to Developers

- **Hardware:** Onsite teams will use preconfigured robotics development stations built around Intel® Core™ Ultra Series 3 NUCs, paired with robotic arms, cameras, monitors and supporting peripherals.
- **Intel® Robotics AI Suite:** Robotics-focused software, components and reference workflows for building and deploying AI-enabled robotics applications.
- **OpenVINO™ toolkit:** Tools to optimize and accelerate AI inference on Intel hardware for computer vision, multimodal AI and other robotics workloads.
- **Intel® Physical AI Studio:** A development environment for bringing together AI models, perception and robotics workflows for Physical AI applications

Developer Resources

Intel provides a developer-readiness workshop plus a dedicated Hack-a-thon Resources page with technical documentation, setup guidance and software resources: [Intel Hack-a-thon Resources](#).

Prize Pool

Intel will award \$10,000 in onsite prizes: 1st Place — \$5,000 | 2nd Place — \$3,000 | 3rd Place — \$2,000.

The hackathon gives developers hands-on experience with Intel's Physical AI platform and software while giving Intel direct feedback on the tools, documentation and developer experience needed to move robotics applications from experimentation toward practical deployment.

Learn More at www.intel.com/robotics.

About Intel

Intel (Nasdaq: INTC) is an industry leader, creating world-changing technology that enables global progress and enriches lives. Inspired by Moore's Law, we continuously work to advance the design and manufacturing of semiconductors to help address our customers' greatest challenges. By embedding intelligence in the cloud, network, edge and every kind of computing device, we unleash the potential of data to transform business and society for the better. To learn more about Intel's innovations, go to newsroom.intel.com and intel.com.

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