Intel Pro Day

Platform innovation in action

March 25, 2026 — At Intel Pro Day, Intel demonstrated how its next-generation commercial AI PCs, robust security, seamless connectivity, and powerful workstations deliver real-world value for businesses, enabling productivity, collaboration, and innovation through platform and ecosystem advancements.

Advanced Enterprise

Scalable Agentic AI Workflows for the Modern Design Studio with Intel® Arc™ Pro B70
This demo showcases a local workstation running a coordinated five-agent AI workflow powered by four Intel Arc Pro B70 GPUs. Using vLLM for language model inference and ComfyUI for generative media pipelines, the system demonstrates how specialized AI agents collaborate across design planning, technical implementation, visual concept generation, video creation, and automated review. Each agent uses a different model optimized for reasoning, generative media, or validation, creating a structured end-to-end design workflow that runs locally on workstation hardware.

Why it matters: Agentic AI workflows increasingly rely on multiple specialized models working together across text, image, and video tasks. Intel Arc Pro B70's 32GB of memory per GPU enables larger context windows, richer design inputs, and diverse multimodal models to run locally, allowing professionals to deploy sophisticated AI workflows on workstations without relying on cloud infrastructure.

Premium Wireless Experiences for Panther Lake: Intel demonstrates next-generation wireless capabilities including Wi-Fi 7 performance improvements, traffic prioritization for AI applications, and enhanced Bluetooth audio experiences.

Why it matters: Supports faster downloads, improved reliability, and stronger wireless performance across business and consumer use cases.

AI Super Builder with Built-In Intel® Arc™ Pro B390 GPU: This demo showcase an example of local inference with Retrieval-Augmented Generation (RAG) and access to Model Context Protocol (MCP) tools, when needed.

Why it matters: Enterprises aim to boost productivity with AI but need to keep their data safe and secure. With shared memory across the Intel® Core ™ Ultra Series 3 processors and built-in GPU, users can take advantage of the high RAM capacity instead of depending solely on dedicated video memory to run local inference on commercial devices, keeping data secure and boosting productivity with MCP tools.

AI-Powered Masking and Rotoscoping with Built-In Intel® Arc™ Pro B390 GPU: This demo showcases how the Intel® Core™ Ultra Series 3 can save creators from hours of manual masking and rotoscoping by leveraging AI object mask and rotoscoping tools in Adobe Premiere Pro.

Why it matters: Traditionally, professional masking and rotoscoping is a long and arduous process to manually complete a video clip. The Core Ultra Series 3 with built-in Intel® Arc™ B390 GPU

powers through complex AI tasks in seconds while the Core Ultra X7 and X9 processors provide the flexibility and mobility video editing professionals need.

In the Field

Citrix Virtual Desktop Infrastructure on Intel Core Ultra: This demo showcases Citrix VDI running on Intel Core Ultra Series 3 with Intel Arc graphics, using AI-driven DLSR/HDX super-resolution upscaling to shift image enhancement from the cloud to the endpoint. Processing occurs on low-power cores, improving efficiency, extending battery life, and maintaining smooth system performance.

Why it matters: End users see high-resolution visuals for spreadsheets, charts, images, and news feeds without compromising performance, while IT benefits from ~20% lower network utilization, 25% reduced system power usage, and faster, more responsive VDI sessions. This capability is exclusive to Intel Core Ultra devices, providing both better user experience and infrastructure efficiency.

Intel® Smart HDR: This demo showcases the EliteBook X G2i with integrated Intel Smart HDR feature in Intel® Intelligent Display Technology (IDT) and Samsung's advanced OLED display panels, displaying uncompromised visual quality with an extended battery life.

Why it matters: Traditional HDR displays consume up to 2 hours of a PC's battery life, forcing users to choose between all-day battery life and the more accurate HDR range of brightness levels, color and contrast. By integrating Intel Smart HDR as part of Intel® IDT with Samsung's advanced OLED display panels, users can access stunning visuals with dramatically reduced power consumption right out of the box on the EliteBook X G2i series. Intel® IDT dynamically optimizes display power based on content to deliver stunning HDR visuals.

IT & CISO Office

CrowdStrike Falcon Data Protection for AI PCs: This demo highlights how AI-powered data loss prevention can run directly on-device, helping enterprises protect sensitive information used in AI chat tools and modern workflows. By leveraging Intel AI PC hardware, detection happens locally for greater privacy and improved accuracy compared with traditional cloud- or rules-based approaches.

Why it matters: As AI adoption grows across enterprises, organizations need faster and more secure ways to prevent sensitive data exposure.

Intel Threat Detection Technology (DTECT) For AI-Powered Malware Detection: This demo highlights Intel TDT-DTECT, which combines CPU telemetry with AI models offloaded to integrated xPUs to identify malware execution in real time. It can detect AI-generated attacks and malicious processes by analyzing hardware-level activity as it occurs, providing faster detection than traditional signature- or behavior-based approaches.

Why it matters: Enterprise security teams gain early, hardware-level visibility into sophisticated threats, including AI-assisted malware. DTECT enables earlier, proactive protection, helping IT and security teams respond to attacks before they impact users. Intel is actively collaborating with top security ISVs to bring these capabilities into commercial endpoint solutions.

Intel® Device IQ For Real-Time PC Health Insights Powered by On-Device AI: This demo shows Intel Device IQ, which combines deep platform telemetry with on-device AI models to continuously assess device responsiveness and overall health. The solution translates complex system data into simple, interpretable signals that can trigger alerts, dashboards, or remediation workflows—all without sending sensitive telemetry to the cloud.

Why it matters: Enterprise IT teams gain early, real-time visibility into endpoint performance, detecting slow or unresponsive devices breaking the IT "ticket cycle" by identifying issues before users feel them. Intel Device IQ runs efficiently on Core Ultra Series 3 mobile systems with integrated graphics, supports integration with Digital Employee Experience (DEX) platforms, and enables automated or assisted remediation to maintain productivity across commercial PC fleets.

Intel vPro® Fleet Services: This demo showcases Intel's cloud-hosted SaaS solution that allows IT teams to remotely manage and recover Intel vPro devices—even when the operating system is unavailable. The service works alongside existing management tools and builds on Intel Endpoint Management Assistant and Endpoint Cloud Services to simplify hardware-level device management.

Why it matters: IT teams can remotely resolve critical issues such as BitLocker errors or devices that fail to boot without dedicated infrastructure. The solution supports a wide range of Intel vPro platforms and works on any modern browser-enabled console device with internet access.

Intel® Battery Life Diagnostic Tool: This demo looks inside the Intel® Battery Life Diagnostic Tool (BLDT) show both the hardware and software being used that contributes to the battery life capabilities. Look at power requirements and applications or IT tools that are running in the background or the history of the hardware to understand degradation to better understand proactively plan refresh plans across all users in your fleet.

Why it matters: Intel® Battery Life Diagnostic Tool (BLDT) exposes hidden battery and responsiveness drain caused by 'always-on' enterprise background agents. Intel® BLDT uses an on-prem, fully offline AI assistant to translate diagnostic results into actionable recommendations, delivering major reductions in CPU usage and background activity. BLDT 3.0 provides IT teams with a manageable, AI-guided optimization workflow at fleet scale and keeps all diagnostic data on-site and secure.

Higher Education

Blender Real-Time Viewport Rendering with Cycles and OIDN: This demo showcases real-time viewport rendering in Blender using Intel Arc Pro B390 graphics integrated with Intel Core Ultra Series 3. By leveraging Cycles rendering and AI-powered denoising (OIDN) directly on the integrated GPU, users can edit and navigate 3D models in real time without waiting for full renders.

Why it matters: This enables professional-grade 3D workflows on mainstream laptops, providing smooth GPU-accelerated rendering, AI-assisted denoising, and advanced visualization capabilities without requiring a discrete GPU. Students, creators, and mobile workstation users can access high-end Blender performance while maintaining portability and efficiency.

SOLIDWORKS Design & Visualization on Mobile Workstations: This demo showcases SOLIDWORKS 2026 running on a Panther Lake mobile workstation with Intel Core Ultra Series 3 and built-in Intel Arc Pro B390 graphics. Using the Arc Pro certified driver, the system handles

design, simulation, and rendering tasks for small-to-medium assemblies, including Thermal/Mechanical reference models, while maintaining smooth viewport navigation and responsive modeling workflows.

Why it matters: Engineers, designers, and students gain true workstation-class performance on thin-and-light laptops, with accelerated simulation workflows, real-time rendering, and full ISV-certified support all without requiring a discrete GPU. This makes professional CAD workflows more portable, accessible, and efficient.

Modern Creative Workflows with Intel® Arc™ Pro B70
This demo showcases Intel Arc Pro B70 running a professional visualization workflow in Twinmotion while simultaneously hosting a locally loaded generative AI model in ComfyUI. Using a complex 4K scene with ray-traced reflections, dynamic lighting, and high-resolution textures, Intel Arc Pro B70 completes final-frame rendering approximately 2x faster than a prior-generation A-series Arc Pro card. With 32GB of GDDR6 memory, the GPU also keeps a diffusion model resident in memory, allowing creators to generate new environmental assets and immediately integrate them into an active scene without interrupting the visualization workflow.

Why it matters: Modern creative workflows increasingly require visualization, rendering, and AI generation to happen simultaneously. Intel Arc Pro B70 enables creators to render faster, keep AI models loaded in memory, and iterate without workflow interruption, reducing hardware demands while increasing creative throughput.

AI Builders

Multimodal Consumer Intelligence with Dynamo and Intel
This demo showcases a Dynamo-powered AI agent that helps users identify the best cleaning solution for a laundry scenario using multimodal inputs, including images, video, or text. A supervisor agent interprets the request and coordinates specialized sub-agents that analyze stain type, fabric, severity, and washing conditions, retrieve cleaning guidance from a knowledge base, and search online retailers for product pricing and purchase options. The workflow runs on Dynamo's disaggregated inference pipeline, separating encoding, prefill, and decode stages so each workload can run on the most appropriate compute resource across **Intel Xeon**, **Intel Arc Pro B-series**, and **Intel Gaudi**.

Why it matters: Agentic AI workflows increasingly combine multiple models and inference stages that benefit from heterogeneous compute. Intel's contributions to open inference ecosystems such as Dynamo help developers optimize performance across CPUs and GPUs, enabling scalable multimodal AI systems with strong performance and cost efficiency.

UXStream: Mixed-Workload Application Distribution with Intel Arc Pro B-Series
This demo showcases how UXStream and Intel Arc Pro B-Series GPUs enable server-side application delivery by running web rendering, high-efficiency video encoding, and live AI inference simultaneously within a single workload environment. In the demonstration, a cloud-hosted browser renders web content while an AI model analyzes selected images, generates contextual understanding, and transforms static images into short animated outputs that are encoded and streamed back to the endpoint in real time.

Why it matters: As AI, media processing, and interactive applications increasingly converge, infrastructure must support mixed workloads efficiently and at scale. Intel Arc Pro B-Series provides the memory capacity and performance needed to consolidate rendering, video, and AI

into a single pipeline—improving utilization, reducing infrastructure overhead, and enabling ultra-low-latency experiences across web, mobile, AR/VR, automotive, and other connected devices.

Parallel Industrial AI at the Edge with Advantech and Intel® Arc™ Pro B-Series
This demo showcases an **Advantech** industrial edge platform running three Intel Arc Pro B-Series GPUs in parallel to support synthetic data generation, model fine-tuning, and real-time defect detection directly on the factory floor. Each GPU is assigned a dedicated workload: one generates synthetic defect data to expand training datasets, a second continuously fine-tunes inspection models while processing live visual defect detection, and a third runs a vision-language model with retrieval-augmented generation to help engineers analyze defects, reference documentation, and identify likely root causes through natural language queries.

Why it matters: Industrial AI often faces data scarcity, latency, and infrastructure cost challenges. Intel Arc Pro B-Series enables manufacturers to run larger models, high-resolution inspection pipelines, and multiple concurrent AI workloads at the edge, reducing cloud dependence, improving privacy, and making scalable AI deployment more cost effective across production environments.

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.