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Efficient, Automated Threat Detection on Endpoint Devices

Acronis Cyber Protect Cloud with AI PCs powered by Intel®



As cyberattacks become more sophisticated, diverse malware and file-less threats are attacking endpoint devices, overloading system resources and crushing performance on older devices. With Intel® Core™ Ultra processors, Acronis Cyber Protect Cloud takes advantage of neural processing units (NPUs) to more efficiently deliver the advanced, AI-driven threat detection and remediation that managed service providers, managed security services providers, and enterprise customers need.

Traditional Antimalware and Legacy Hardware Can't Keep Up

Traditional antimalware systems might fall short in detecting modern cyberthreats, and they can overload system resources and reduce device performance—a particular problem for mobile and resource-constrained users—as they struggle to keep pace with evolving endpoint attacks and in-memory exploits. System slowdowns, higher support ticket volumes, and reduced user productivity can be the result.

In addition, yesterday's fragmented security solutions require multiple agents and consoles, increasing operational complexity and straining already overburdened IT teams.

A solution that delivers strong, manageable cybersecurity without sacrificing performance is an urgent and ongoing need. Acronis Cyber Protect Cloud provides just that—efficient, intelligent protection that won't slow down operations or strain IT resources. On devices powered by Intel Core Ultra, it's even more efficient.

Real-Time Threat Detection at Endpoints with Low Resource Impact

The best time and place to address a cyberthreat is when and where it's detected. The Acronis Cyber Protect Cloud solution delivers real-time, AI-driven threat detection and remediation on endpoint devices. It analyzes behavioral patterns to detect malicious behavior behind the scenes, including sophisticated malware, ransomware, zero-day attacks, and file-less attacks that antimalware might miss.

On devices powered by Intel Core Ultra, the solution detects and remediates cyberthreats even more efficiently. Acronis uses OpenVINO™ AI frameworks to offload behavioral detection models to the processor's NPU, which manages inferencing and analysis tasks, such as behavioral heuristics and anomaly scoring—resource-intensive tasks that can slow down system performance and reduce battery life.

By managing the AI processing load on the NPU, the Acronis solution conserves power and battery life and minimizes impact on system performance on devices powered by Intel Core Ultra. This division of workloads makes the Acronis solution on AI PCs powered by Intel Core Ultra especially helpful on laptops and resource-constrained systems.

Optimized Performance with NPU and OpenVINO™

As behavioral detection shifts from the CPU to the NPU, OpenVINO calibrates and validates AI models, ensuring that the same threat-detection inferencing logic is used. In performance tests conducted by Acronis, moving inferencing from the CPU to the NPU reduced the load on the CPU by up to 92%, optimizing performance and reducing power consumption.¹

Acronis Cyber Protect Cloud

Acronis Cyber Protect Cloud, a SaaS-based, multi-tenant platform, remotely monitors endpoints, systems, and data for security issues and responds automatically to detected vulnerabilities—without endpoint system slowdowns.

Security professionals spend less time managing tools, thanks to natively integrated cybersecurity, endpoint and posture management, and data protection. All of this, plus automated backups and disaster recovery, is delivered in one robust solution, deployable at scale across physical, virtual,

and cloud environments and managed from a unified dashboard.

Acronis solutions augment protection across NIST cybersecurity functions: identify, protect, detect, respond, and recover.

Acronis Cyber Protect Cloud delivers award-winning protection from cyberthreats,² including next-generation antimalware, email security, data loss prevention (DLP), and endpoint and extended detection and response (EDR /XDR).

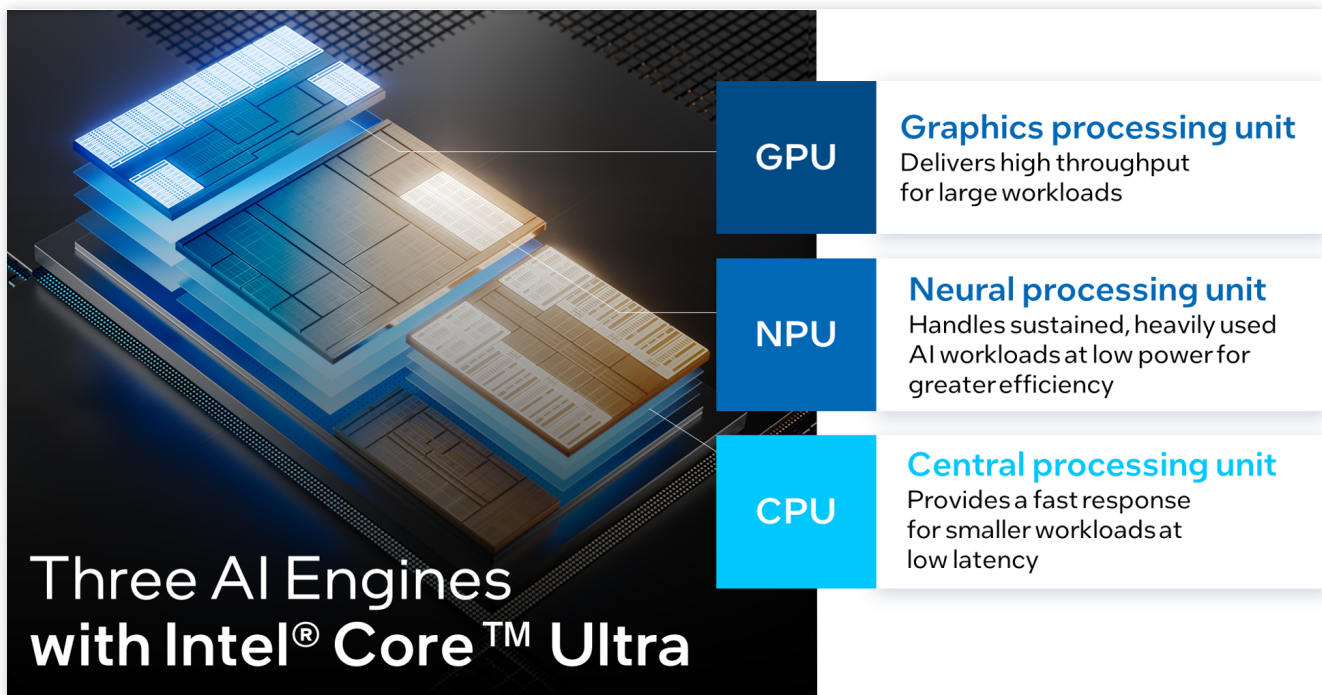
Security professionals will also appreciate:

- A single policy, console, and agent for all cybersecurity, data protection, and management.
- Unmatched business continuity with best-of-breed backup and disaster recovery to protect data and roll back any incident across physical, virtual, or cloud environments.
- Streamlined service-level agreements with the generative AI assistant, AI-guided system monitoring, incident analysis, response, and AI-based scripting in place.
- Up to 60% better return on investment than point solutions with native integration of cybersecurity, data protection, and management.³
- 300 pre-built, third-party integrations with the most popular managed service provider (MSP) tools.

Intel Core Ultra Processors and OpenVINO

The latest Intel vPro® devices with Intel Core Ultra processors come with Intel® Threat Detection Technology (Intel® TDT) built in and NPUs on board. With capabilities integrated and OpenVINO AI frameworks supported by Intel, Acronis Cyber Protect Cloud can deliver real-time, AI-driven security scans without negative effects on system performance.

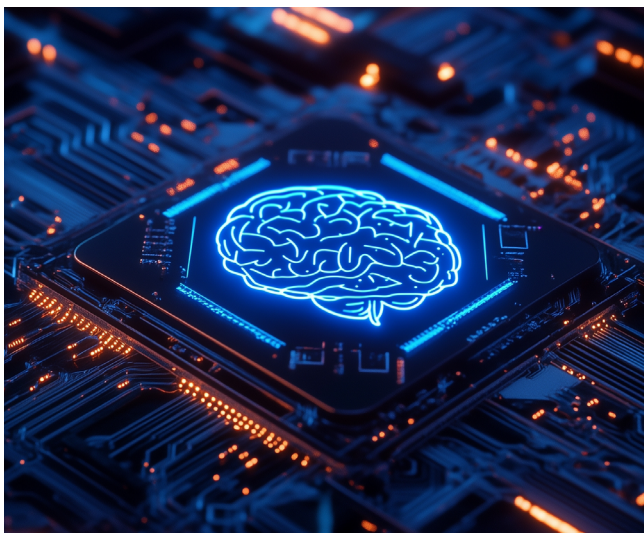
The NPU makes short work of AI inferencing, so inferencing can even be completed locally on the endpoint, keeping data out of the cloud. Local inferencing reduces data privacy risks and eliminates unpredictable cloud inferencing costs.



Enterprise-Grade Security and Performance

Discover enterprise-grade security with consumer-level simplicity—empowering managed service providers, managed security services providers, and enterprise customers to stay ahead of cyberthreats without sacrificing performance. With the Intel AI PC platform and Acronis' integrated cyber protection, businesses can reduce risk, improve operational efficiency, and deliver resilient endpoint security at scale.

- To find an AI PC powered by Intel, look for Intel vPro® and Intel Core Ultra processors.



Dig deeper

- ➔ Learn more About AI PCs powered by Intel and Acronis Cyber Protect Cloud with Intel TDT integration
- ➔ Learn more about how Acronis solutions support the NIST cybersecurity framework

➔ Click to learn more about Acronis endpoint protection

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¹ Performance tests conducted by Acronis, moving inferencing from CPU to NPU, 2025

² Acronis, Industry Recognition, 2025

³ Acronis, Unlock better ROI and margins: Endpoint security starting at just \$1, 2025

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