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imagined with Intel

Smarter
technology
for all

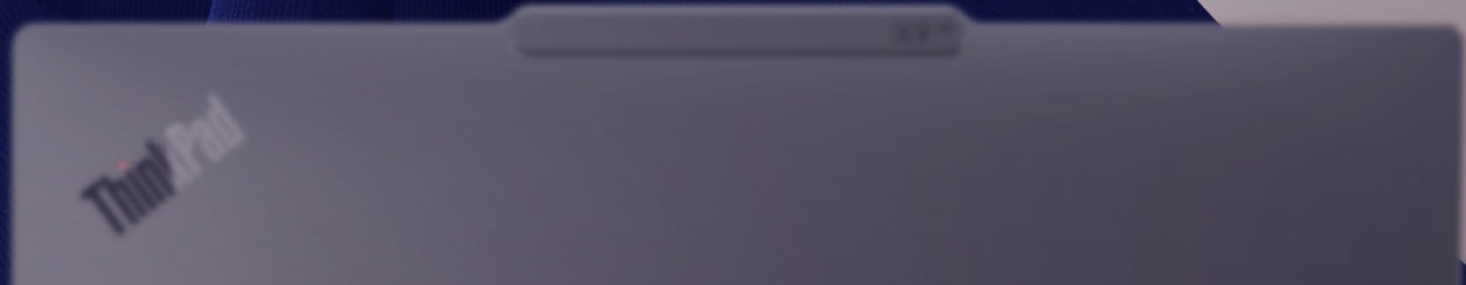
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AI PCs: The productivity game changer enterprises can't ignore



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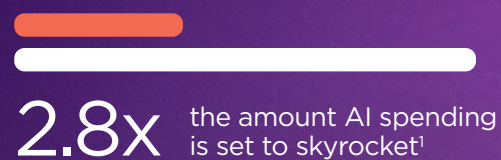
AI PCs built for business



AI isn't coming — it's already here

In 2025, enterprises that embrace AI PCs will surge ahead of their competition. Those that hesitate? They'll struggle to keep up. With AI spending set to skyrocket 2.8x,¹ now is the moment to rethink how your business works, secures data, and boosts productivity.

Much of that growth will be driven by enterprises making stronger investments in generative AI. While predictive and interpretive AI implementations were focus areas for companies in 2024, generative AI (GenAI) implementations will see nearly 4x growth in the next 12 months at the expense of these other AI categories.²



2.8x the amount AI spending is set to skyrocket¹

This explosive growth in GenAI use reflects a growing desire among business leaders to apply this technology to enable key business outcomes including higher productivity and efficiency, better customer experience, and the creation of new business opportunities. One of the easiest ways to start reaping the benefits of GenAI is to get the technology into workers' hands by rolling out AI-enabled PCs to the workforce. Many companies are now moving in this direction, with 91% of global enterprises already considering or piloting this approach.

This eBook provides insights into the many ways that AI PCs can deliver security, productivity, employee experience, and sustainability improvements to your enterprise. In particular, it highlights the ways that Lenovo Aura Edition devices, imagined with Intel®, can meet today's enterprise needs, especially when paired with a solution like Lenovo Device Orchestration or service offerings like Lenovo's Asset Recovery Services (ARS), and Premier Support Plus. A step-by-step guide at the end provides guidance on how to unleash innovation and empower your enterprise with AI PCs.

Business functions adopting AI use cases³



IT Operations



Cybersecurity



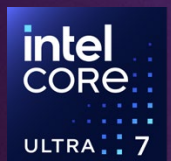
Software Development



Marketing



Supply Chain



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Unlocking potential with AI PCs

The initial introduction of AI technologies into the workplace was greeted with a mixture of both anxiety about its impact on job security and optimism about the possibilities it might bring to life. Much of that worry and concern has now faded as business leaders have grown familiar with the value that AI can deliver. IT leaders now view AI PC deployment as a key strategy to unlocking AI's potential inside their organizations, including elevating employee experience, maintaining the security of sensitive company data, and stretching device sustainability for stronger ROI.

In fact, large percentages of IT leaders strongly perceive AI PCs as being able to deliver value across a range of enterprise tasks²

88%

Automate
mundane tasks

87%

Analyze large
data sets

86%

Deliver
heightened
security

84%

Improve power
management



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What is an AI PC?

AI PCs are specially designed and equipped to manage and accelerate the execution of AI tasks. In addition to the traditional CPUs and GPUs, AI PCs include discrete neural processing units (NPUs) that are designed specifically to handle AI computations faster and more efficiently. The primary benefits that AI PCs deliver include:

- ✓ **Improved productivity:** With no need to push tasks out to and back from a cloud-based AI platform, users receive their prompt results faster, boosting their overall productivity and delivering an enhanced user experience.
- ✓ **Personalized experiences:** Locally run AI applications are flexible, able to adapt to each user's preferences and work habits. This enables customized interactions and on-device support when needed, providing a better overall user experience.
- ✓ **Enhanced protection:** With the entire AI task taking place on the device, the data is never in transit nor visible on another piece of hardware. Sensitive or confidential data is never made vulnerable to potential security threats nor is it used in external LLM training.

How AI PCs meet device refresh needs

When it comes to making decisions around device refreshes, IT leaders are faced with the very difficult challenge of balancing numerous organizational needs. Very often, device features needed by one department or team are at odds with the needs of others. In addition, the coming of the Windows 11 refresh is compelling enterprises to consider how best to future-proof their laptop fleet. AI PCs raise the stakes, offering an opportunity to greatly enhance worker productivity and unlock other business value within the organization.



AI looms large in PC purchasing

The top five factors for PC purchasing, according to a Lenovo survey of IT decision-makers:⁴



AI processing power (30%)



AI features available (27%)



Reliability (26%)



Device security (23%)



AI hardware (19%)



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Device security considerations

A top concern with device refreshes is maintaining enterprise security and protecting sensitive data. This is especially true when you are considering AI-enabled PCs due to their access to and use of enterprise data. According to Capital One, 76% of business leaders rank data security as their top concern with AI initiatives.⁵



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Maintaining security with AI-powered devices can be particularly challenging for organizations that have hybrid workforces with employees both on-site and working remotely. Accommodating remote workers greatly expands the organization's attack surface because of the variety of user devices and poorly secured home networks.

Enterprises with mixed-OS environments rather than a single dominant platform also present unique security challenges. Devices running on different operating systems make for a complex security environment requiring the management of differing security protocols and patch management routines.

Maximizing device longevity

Another prominent goal for IT leaders looking to refresh devices is maximizing device longevity. How can they get the most use out of worker devices? According to Lenovo research, ITDMs want to make sure that their PCs can last through the entire three-year refresh cycle.⁶ When devices don't live up to the expected three-year refresh cycle, enterprises are forced to spend additional budget on replacements while also generating additional e-waste that must be processed and disposed of.



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Better productivity, better experience

IT leaders charged with refreshing devices also have an eye toward positively impacting worker productivity. The number one business priority for organizations investing in AI is improving employee productivity.⁷ At the same time, IT leaders are positioned to be heroes, providing employees with an improved device experience. AI PCs are a great resource to not only deliver the tools to improve productivity but also deliver an enhanced experience to staff.

The productivity improvements tied to AI PCs extend to IT support teams as well. Many AI PCs are packaged with automated diagnostics and updates that streamline device maintenance and keep them up and running more consistently. These additional device support resources reduce the burden on the organization's IT team and allow them to focus on more mission-critical projects.


88% of all PCs shipped in 2027 will be AI-enabled, according to IDC.⁸



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The refresh answer: The Lenovo Aura Edition experience

IT leaders looking to thread the device refresh needle now have a clear choice: Lenovo Aura Edition AI PCs, imagined with Intel®. Aura Edition devices offer incredible AI performance with Intel® Core™ Ultra processors for unprecedented experiences, delivering a more personalized, protected, and productive user experience.

Cool, quiet, thin, and powerful, Aura Edition AI PCs boast best-in-class battery life and astonishing graphics. Users are equipped to master the most intensive workloads and complex AI prompts with up to 48 NPU. In addition, Lenovo Aura Edition AI PCs offer exclusive AI-powered experiences with Smart Modes, which users can activate to automate common tasks and group settings, as well as optimize system performance.

Shields up with Aura Edition security features

As AI PCs, Lenovo Aura Edition devices offer some unique security features thanks to embedded AI technology. To start with, the device's localized AI technology reduces exposure to security risks. Rather than transport your organization's data to an external cloud for processing, which opens it up to the possibility of manipulation and theft while in transit and during processing on the exterior AI platform, Aura Edition devices process your sensitive data on the device itself.

This greatly reduces the potential for your data to be exposed to malicious actors. Being able to use AI to process data on local devices is especially beneficial for industries with unique data regulatory requirements, including finance, healthcare, and government.



Like all Aura Edition devices, the Lenovo ThinkPad® X1 Carbon Gen 13 Aura Edition, imagined with Intel®, gives users access to **Shield Mode**, one of the Smart Modes the device offers that focuses on increasing security. Shield Mode makes use of computer vision to warn users if someone is looking over their shoulder as they work and automatically blurs the computer screen. If the device is on a public Wi-Fi network, Shield Mode automatically prompts the VPN to secure the device's traffic. Users are also protected through predictive and proactive security features, fraud detection, data privacy, and cyber-resiliency.



Aura Edition devices include additional layers of security through **Lenovo ThinkShield® and Intel vPro®**, which safeguard devices with fully customizable hardware, software, and services solutions that secure your organization from a wide spectrum of threats, starting at the supply chain, below the operating system, and protecting you all the way into the cloud. Through our partners, Lenovo ThinkShield also offers a range of security solutions including enhanced hardware defense, endpoint protection, and advanced data protection.



End-to-end protection starts with **Firmware Resiliency 2.0**, which expands self-healing capabilities beyond the core BIOS and provides autonomous, non-bypassable, and immutable functionality that becomes the additional hardware root of trust measure, verifying the signatures of multiple parts of the platform hardware, firmware, and configuration.



SecureWipe 2.0 allows IT teams to delete sensitive data on a drive without using external tools or removing the drive and running log reports to confirm the SSD or HDD has been wiped.



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Extending device life and reducing TCO

Lenovo research highlights that device reliability and sustainability are top concerns among IT decision-makers.⁹ Device refreshes are a big investment for enterprises, so it's important that workers gain as much use and value from their devices as they can during the typical three-year refresh lifecycle. The Lenovo ThinkPad® X9 14 Aura Edition, imagined with Intel®, and other Aura Edition devices are configured to extend the longevity of fleet devices as much as possible.

Enterprises gain assistance with maintaining the health of their fleet devices through **Smart Care**, an on-device app that delivers a unified support services experience to users. Smart Care automates system diagnostics and updates, which decreases the amount of time the IT support team needs to allocate toward basic device upkeep. Lenovo Aura Edition AI PCs are designed to outlast traditional PCs. With diagnostics and Smart Care predictive maintenance, some enterprises have extended refresh cycles to four years and beyond, significantly reducing costs.



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Lenovo services supporting sustainability

Another way to gain sustainability value with Aura Edition devices is to pair them with the **Lenovo Device Orchestration** solution. This offering is a PC health management SaaS solution that uses proactive device insights and AI-driven predictive analytics to help keep your fleet running at peak performance. Lenovo Device Orchestration allows your organization to monitor and assess productivity impacts, predict and prevent device failure, analyze and resolve performance issues, and optimize and improve your overall PC fleet health to deliver gains in device longevity.

Lenovo's commitment to sustainability extends beyond the usable life of our devices. **Lenovo Asset Recovery Services** (ARS) helps mitigate the environmental and data security risks associated with end-of-life asset disposal. As part of ARS, we provide all legal documentation and certificates associated with proper data destruction and environmental processing. ARS can even offset some of the costs of your organization's refresh and help simplify the transition from old to new.

The Aura Edition devices are designed to meet your sustainability goals. This starts with the cell battery, which is made from 100% recycled cobalt. The devices' covers are 50% recycled aluminum. And Lenovo uses recycled materials in all the packaging for these laptops. We think about sustainability every step of the way.

Delivering on the employee experience and productivity promise

With improving productivity being at the top of the list of business priorities in 2025, enterprises are looking to AI PCs to deliver on helping workers function more effectively. Enabling greater productivity has to start with supporting easy access to GenAI. Lenovo Aura Edition devices are equipped with Intel® Core™ Ultra processors that deliver up to 48 TOPS and enable the speedy processing of AI workloads on the device.



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AI technology also delivers a more robust user experience. Employees gain access to a modern, updated work experience with all the perks that it entails, including a more robust battery life. AI also helps them work the way they want to work, providing workers with tools to organize and manage their own workflows so they are arranged for personal productivity. Aura Edition devices are packaged with a variety of automated Smart Modes that uniquely support employee productivity in different ways:



Shield Mode

Mentioned earlier, this mode delivers a variety of automated security features that protect users so they can focus on the task at hand without worry.



Collaboration Mode

This mode automatically makes device adjustments to improve and maintain a productive virtual meeting experience while ensuring effective communication with video effect features.



Attention Mode

When engaged, this mode blocks access to pre-set domains and notifications, providing a focused and productive user experience.



Power Mode

This mode automatically reduces device power consumption and improves battery performance, ensuring that workers can gain as much productive use out of their devices as they can until they are able to recharge them.



Wellness Mode

With this mode, the digital health (and overall productivity) of workers is supported through automated alerts to take eye breaks from the computer screen and to make posture adjustments to help maintain good ergonomics.

In addition to these Smart Modes, Lenovo Aura Edition devices support productive collaboration through **Smart Share**. This feature allows iOS and Android smartphones to automatically transfer photos and files to an Aura Edition device, reducing worker-to-worker collaboration to a simple tap. Transfers are only possible between devices that have downloaded the secure Intel Unison app.

Lenovo Premier Support Plus offers another path for maintaining the productivity of your workers. This comprehensive IT support program keeps users and their devices up and running with break/fix support for broken machines, 24/7/365 advanced technical support, comprehensive hardware and OEM software support, next business day response, and onsite labor for repairs.

Transforming your enterprise with the power of AI PCs

With spending on AI initiatives set to grow nearly 3x over the coming 12 months, companies are at an inflection point. Those that are not ready to pivot into the benefits to be gained through AI will be left behind.

Lenovo Aura Edition PCs powered by the latest Intel® Core™ Ultra processors offer a way to quickly put the transformative power of AI into the hands of your workforce. AI is reshaping work — and your enterprise needs to be ahead of the curve. AI PCs are no longer an experiment. They are the future of work, security, and efficiency. The question isn't if you'll adopt AI PCs — it's how soon.

**Ready to transform your enterprise?
Contact your Lenovo team for a free
consultation with an AI solutions
specialist or visit [Smarter AI for all](#)
to learn more.**



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AI PC deployment and business transformation roadmap

Integrating AI PCs into your enterprise is no small feat. Yes, you've rolled out PCs before, but adding AI into the mix impacts everything. To make the most of your device deployment, follow this step-by-step plan to maximize your enterprise's security, productivity, sustainability, and ROI with Lenovo Aura Edition PCs, imagined with Intel®.



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01

Deploy and build IT readiness

- ✓ **Infrastructure review:** Assess the current IT infrastructure for AI PC compatibility.
- ✓ **Security policy assessment:** Review and update security policies that might be impacted by AI PC data processing. Accommodate hybrid AI processing, both in the cloud and locally.
- ✓ **IT team preparation:** Train the IT team on AI PC capabilities and AI-powered security features.
- ✓ **Pilot program:** Launch an AI PC pilot focused on high-impact users, for example: data science, security, or research and development teams.
- ✓ **Gather data:** Monitor early AI-attributed productivity and security gains.

02

Expand the rollout and optimize security

- ✓ **Expand rollout:** Scale AI PC deployment to additional business functions (HR, Marketing, Sales).
- ✓ **Implement AI security:** Implement threat detection (Shield Mode on devices, as well as ThinkShield).
- ✓ **Reduce AI services:** Where possible, start reducing dependencies on external cloud services to cut costs.
- ✓ **Implement Smart Care:** Guide users toward Smart Care to automate troubleshooting and reduce IT support burden.
- ✓ **Track ROI:** Continue gathering data on how and where AI PCs are driving measurable productivity gains.

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Integrate AI into workflows

- ✓ **Assess AI workloads:** Work to optimize AI workloads across your hybrid infrastructure: in the cloud and local AI processing.
- ✓ **Automate workflows:** Apply AI-driven business intelligence and analytics to guide the automation of workflows.
- ✓ **Update collaboration tools:** Deploy AI-powered collaboration technology across the enterprise.
- ✓ **Update power management:** Deploy AI-enabled power management to improve overall energy efficiency across the enterprise.
- ✓ **Review ROI:** Measure the impact of AI-driven automation to determine how it is freeing up employees and driving strategic work gains.

04

Scale AI gains for ongoing business transformation

- ✓ **Scale AI PC Use:** Make AI PCs the foundation for enterprise-wide AI transformation initiatives.
- ✓ **Continue enhancements:** Seek additional AI-driven automation opportunities for greater efficiency and ongoing innovation.
- ✓ **Extend device longevity:** Grow the sustainability impact of AI PCs by emphasizing follow-through on predictive maintenance.
- ✓ **Grow AI literacy:** Continue updating IT team and leadership understanding on the latest AI innovations.
- ✓ **Evaluate results:** Review how AI PC adoption has impacted business goals and seek insights for continued improvements.

Ready to take the next step? Contact Lenovo today to develop your customized AI PC adoption roadmap.

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