

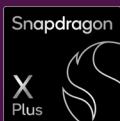
Smarter AI for your small business

Meet the Lenovo ThinkBook® 16 Gen 7,
a Copilot+ PC



Smarter
technology
for all

Lenovo

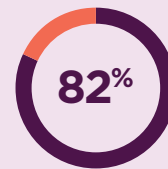


Artificial intelligence (AI) is helping organizations of all sizes and across all industries realize tremendous gains in productivity and efficiency.

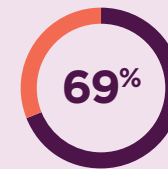
As everyday tasks become augmented or automated entirely, employees are free to focus on more creative and strategic pursuits.

The number of businesses using AI grew by 300% in just five years.¹

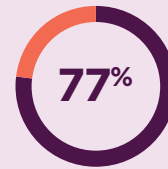
With the constant need to “do more with less,” small businesses stand to gain significant advantages as AI capabilities are integrated into the core applications employees are using. In fact, a recent survey of small business owners who were implementing AI technologies indicated that **most organizations saw benefits in multiple areas:**²



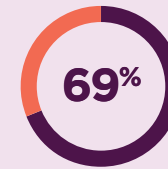
reported enhanced operational efficiency



found AI helped mitigate cost increases



said it improved competitiveness against larger firms



experienced sustained growth even under challenging conditions



Empowering employee productivity with on-device AI

Microsoft Copilot gives users the ability to leverage generative AI and machine learning (ML) to expand their potential and accomplish tasks more quickly and easily with seamless integration across the Windows operating system and Microsoft 365 applications.*

CREATIVE TASKS

- ✓ Composing text
- ✓ Generating visuals

PRODUCTIVITY-ENHANCING FUNCTIONS

- ✓ Summarizing documents
- ✓ Analyzing spreadsheets
- ✓ Organizing files and folders

Copilot is transforming the way work gets done for small businesses.



But managing the large language models (LLMs) that enable natural, chat-based interaction with AI applications like Copilot requires significant computing power. Until now, that meant relying on cloud-based processing to perform the heavy lifting, which meant large amounts of potentially sensitive data had to travel back and forth across the internet to accomplish the task.

With the advent of neural processing units (NPUs), end-user devices are now capable of performing AI tasks locally, which provides several distinct advantages:



Faster results — With no need to access the internet, there's no latency with AI requests. Users get the information they need quickly and can move on to the next task..



More personalized experiences — When AI applications are running locally, they're able to adapt to each user's individual preferences and work habits, enabling customized interactions and support.



Enhanced security — The entire AI interaction can take place locally, so sensitive or confidential data never leaves the device, and the information accessed by the on-device AI is never used for external LLM training.

This new class of end-user device, **the Copilot+ PC**, represents a great opportunity for small businesses to harness the power of on-device AI for a wide range of productive, collaborative, and developmental tasks.

Lenovo is making that amazing potential available with the introduction of the ThinkBook® 16 Gen 7.

A Copilot+ PC designed for small businesses

The ThinkBook 16 Gen 7 is engineered to deliver impressive and reliable performance in a sleek and elegant form factor.

The Snapdragon® X Plus platform includes:

- **Qualcomm Oryon™ 8-core 3.4 GHz CPU**
- **Integrated Qualcomm® Adreno™ GPU for stunning graphics**
- **Qualcomm® Hexagon™ NPU delivering 45 trillion operations per second (TOPS) of AI performance**

The Snapdragon SoC (System-on-Chip) includes specialized hardware cores for parallel processing. These cores accelerate AI tasks, camera image signal processing, and other workloads.

The Snapdragon X Plus platform also delivers extremely high efficiency per watt so users can work all day without needing to recharge. The architecture allows the device to be thinner with a compact design that offers a sleek look and quiet operation in professional settings.



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Engage with a fully integrated AI-enabled ecosystem

Microsoft, Qualcomm Technologies, and Lenovo have partnered together with software ISVs to strengthen AI integration across the entire ecosystem.

- ✓ **Native applications** — Now, Windows on Snapdragon (WoS) and the new Snapdragon X Plus platform combine to run applications natively without the need for emulation.
- ✓ **Improved efficiency** — In addition to avoiding a performance penalty, running natively uses less wattage, reducing energy consumption.
- ✓ **Growing ecosystem** — Lenovo is also actively expanding the WoS ecosystem by onboarding new ISVs that use AI technology coded to utilize the NPU and run natively.

Together, we're future-proofing the AI experience to help users leverage the benefits of evolving technology.





Drive organizational efficiency with solutions for easy deployment and personalization

Streamline deployment with Windows Autopilot

Configuring new devices for employees can be a time-consuming task, especially for small businesses with limited IT resources. Windows Autopilot is a collection of technologies that help set up and preconfigure new devices to get them ready for productive use.

You can also use Windows Autopilot to reset, repurpose, and recover devices. This solution enables organizations to achieve these goals with little or no infrastructure to manage and a process that's easy and simple.

Windows Autopilot simplifies the Windows device lifecycle from initial deployment to end of life for both IT and end users. Using cloud-based services, Windows Autopilot:

- ✓ Reduces the time IT spends on deploying, managing, and retiring devices.
- ✓ Reduces the infrastructure required to maintain the devices.
- ✓ Maximizes ease of use for all types of end users.

Personalize the PC experience with Lenovo Vantage

Lenovo includes a suite of solutions to help users personalize settings, optimize performance, and streamline updates through the Vantage app.

With Lenovo Vantage hardware setting controls, users can customize their PC for how they use it.

- ✓ Check warranty status, discover the latest updates, and request support.
- ✓ Install important software updates and get the latest drivers.
- ✓ Run device diagnostics.
- ✓ Vantage Smart Performance allows users to run a scan to assess their PCs' overall performance and identify issues that can be quickly fixed to make the device run smoother.
- ✓ Access online Wi-Fi security with advanced algorithms and crowdsourced security data to preemptively warn about risky networks, so users can make safe connections

Vantage consolidates functionality into one easy-to-use application — less clutter for users' PCs means more efficiency for your organization.

Enhance cybersecurity, privacy, and confidence wherever your team works

Safeguarding organizations' devices and data continually and protecting privacy in the AI era is critical. In addition to the on-device AI functionality that helps keep sensitive information local, the ThinkBook 16 Gen 7 helps manage and minimize risks at each endpoint with a variety of security features and solutions.



Lenovo ThinkShield™ provides AI-powered threat detection with a secured boot process and self-healing firmware to deliver a solid foundation for overall system security.



Microsoft Pluton offers chip-to-cloud security technology integrated into the CPU, designed to provide hardware-based root of trust, secure identity, and cryptographic services. It also offers protection for credentials, identities, personal data, and encryption keys, making it difficult for attackers to extract information — even with physical access to the PC.



Snapdragon X Plus is built with robust security features including the **Qualcomm® Secure Processing Unit** and the Microsoft Secured-core PC. Zero Trust sensors for location, identity, biometric connection, and device health management help to reinforce security.



A Copilot+ PC for the next generation

The ThinkBook 16 Gen 7 is designed to meet the needs of today's highly mobile small business user. From sales and marketing professionals to field and support technicians, freelancers and content creators, or academic and research users, the ThinkBook 16 Gen 7 delivers a premium experience at a value price point.

- ✓ Super-portable, sleek design and two-sided metallic construction measuring 16.7mm in thickness with a starting weight of 1.82 kg
- ✓ Narrow display bezel with 91% screen-to-body ratio for plenty of screen real estate at up to 2.5K resolution
- ✓ 84Wh battery provides all-day life for uninterrupted productivity
- ✓ Improved keyboard and bigger touchpad deliver a comfortable user experience
- ✓ Dedicated Copilot key for easy access to AI features
- ✓ Kensington® Nano SecuritySlot™ provides additional physical security
- ✓ Fingerprint reader integrated into the power button for secure access
- ✓ Infrared (IR) camera for secure login
- ✓ Webcam privacy shutter ensures users are truly "off camera" when they wish to be



As part of Lenovo's dedication to constantly improving product quality, we continuously conduct rigorous testing for reliability and durability. In addition to our extensive in-house testing for real-world challenges, Lenovo ThinkBook devices are tested against 12 MIL-STD 810H methods.

Keeping sustainability top of mind

Lenovo is helping small businesses reduce their environmental impact by making the industry's broadest portfolio of technology solutions more sustainable, and the ThinkBook 16 Gen 7 is no exception.

Certifications

- EPEAT/ES 9.0 — Gold
- Eyesafe® Low Blue Light certified

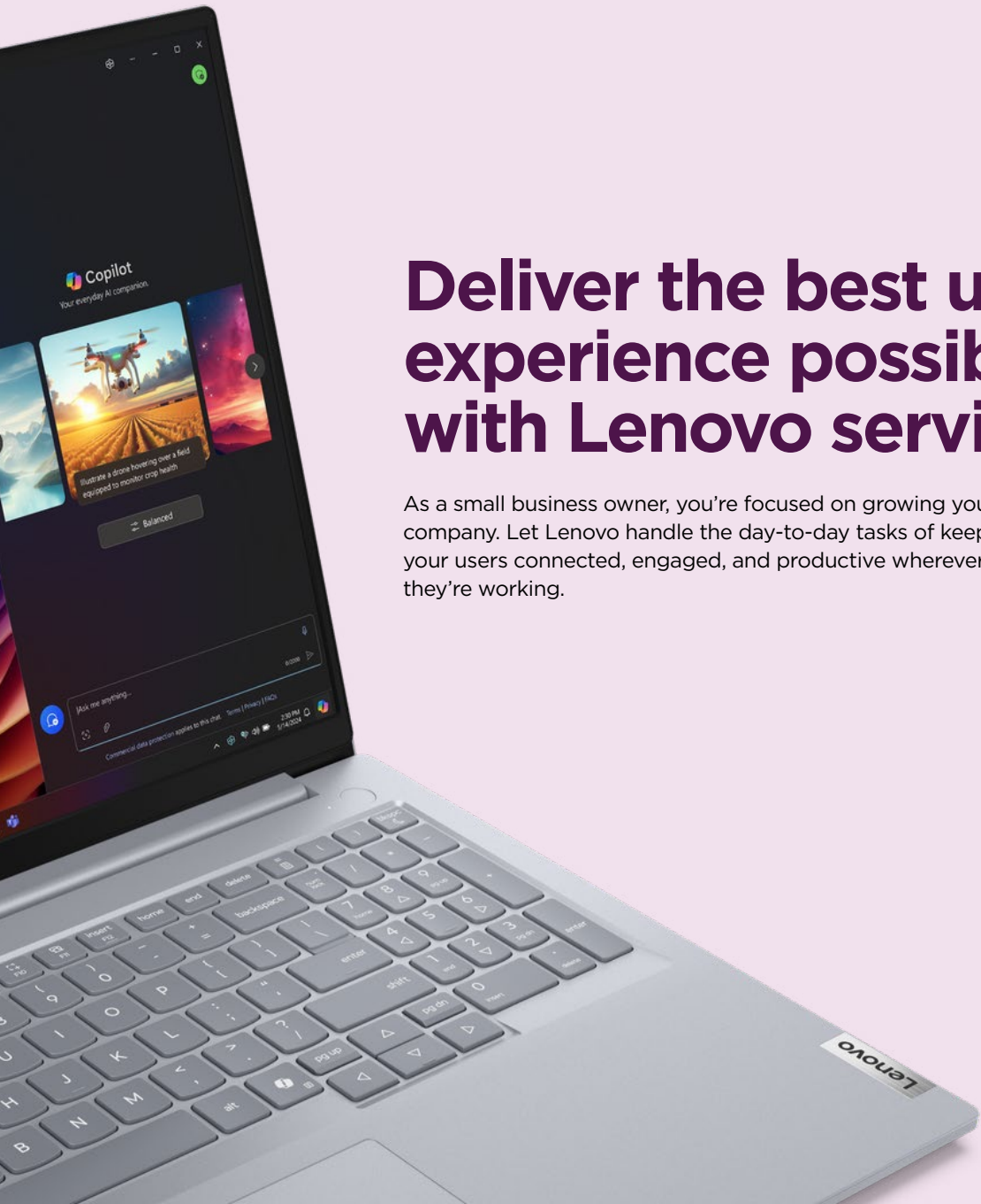
Components

- AC adapter contains 90% post-consumer content (PCC)
- Keyboard key caps are 50% PCC with repairable key caps and scissors
- Battery pack contains 30% PCC

Packaging

- FSC certification for carton and accessory box
- Cushion contains >95% recycled material
- Screen sheet is 100% paper
- NB bag contains 90% ocean-bound plastic (OBP)





Deliver the best user experience possible with Lenovo services

As a small business owner, you're focused on growing your company. Let Lenovo handle the day-to-day tasks of keeping your users connected, engaged, and productive wherever they're working.

Keep your users up and running with Premier Support Plus

Get executive-grade support so users can get back to business. Our technicians provide best-in-class technical skills and problem solving for hardware and software, available 24 hours a day, 7 days a week by phone, chat, or email.



AI-powered proactive and predictive support that can help identify and resolve issues before they become problems



A single point of contact for case management



Comprehensive hardware and original equipment manufacturer (OEM) software support



Advanced technical support available anytime in 100+ markets



Priority on service delivery and repair parts



Real relationships with technical account managers for escalation management



Customized reporting and product support on the Lenovo Service Connect Portal

Unlock innovation and boost user efficiency with the right support: Premier Support Plus.

Deploy more efficiently with Lenovo TruScale™ Device as a Service

Lenovo has developed a future-proof solution for your deployments and evolving AI strategies that provides an optimized user experience without large capital outlays.

Lenovo TruScale Device as a Service gives you access to the industry's broadest technology portfolio from the pocket to the cloud. Our flexible pay-as-you-go technology models deliver scalability in ways that traditional procurement methods can't. Devices, services, and support can all be added, changed, or removed easily through a single point of contact.



Free up capital and improve employee productivity



Get end-to-end services and support that precisely match your needs



Enjoy the simplicity of one predictable monthly fee



Monitor and assess device health and usage with proactive, predictive analytics



Easily add or remove devices from your plan



Pause your service as business needs change

With Lenovo TruScale, you can:



Reduce device-related IT costs by 30%



Make procurement move 30% faster



Reduce the cost on delivered services by 20%

Lenovo TruScale also takes the burden of device management off your IT team, freeing them to focus on more strategic initiatives.



Lenovo

Your trusted partner for an AI-enabled future

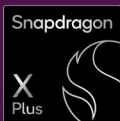
When it comes to enabling next-generation productivity, efficiency, and security for your small business team with Copilot+ PCs like the ThinkBook 16 Gen 7, there's no better partner than Lenovo. Our global capabilities with local execution solutions mean your team can enjoy enterprise-grade solutions and services to take your business to the next level.

Visit us at www.lenovo.com/AI-PC/Qualcomm or contact your Lenovo representative or reseller.

Sources

- 1 Tidio, "10+ Essential AI Statistics You Need to Know for 2023," October 2023
- 2 Orion Policy Institute, "Empowering Small Businesses: The Impact of AI on Leveling the Playing Field," March 2024

* AI features may require software purchase, subscription or enablement by a software or platform provider, or may have specific configuration or compatibility requirements.



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