

Lenovo  
ThinkPad

Smarter  
technology  
for all

Lenovo

## Lenovo ThinkPad T16 Gen 5



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Serviceable by design, with fleet-first CRU repairability

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AMD Ryzen™ AI PRO 400 Series processor and  
on-device AI with Copilot+ PC features

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Modern collaboration experience with 5MP camera,  
vHDR & Lenovo Computer Vision

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Below-the-OS fleet security & remote manageability

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**AMD**  
**RYZEN AI**  
PRO 400 Series



## Mainstream AI-driven productivity

The ThinkPad T16 Gen 5 raises the bar for modern mainstream computing, fueled by up to AMD Ryzen™ AI PRO 400 Series processors to deliver enterprise-grade performance with next-gen AI capabilities for accelerated productivity, enhanced collaboration, and strengthened security. The integrated NPU delivers secure local AI processing that powers Copilot+ PC features for powerful, smart computing that boosts innovation, enhances communication, and increases productivity. With an optimized Thermal Design Power (TDP), this ThinkPad is built for the AI era—providing the thermal headroom necessary to power through demanding renders and data-heavy multitasking with zero lag.



## Enriched UX for the hybrid workforce

Equipped with a brilliant 2.8K 16" OLED display featuring an 88.85% screen-to-body ratio and an optional 500nits touch panel, this laptop is designed for clarity and efficiency. Larger user-facing speakers provide a richer soundscape, while the AI-backed 5MP IR camera enhances both collaboration and security. From protecting your privacy with Shield Mode to perfecting your presence with auto-framing, Lenovo Computer Vision makes every interaction smarter. Depending on your workflow demands, the innovative vHDR technology varies display quality to optimize battery power for more unplugged productivity. Highly configurable and upgradeable, the ThinkPad T16 Gen 5 is also tailored for IT needs, with wired connectivity for swift deployment plus remote PC and Security Management (PCIoT), powered by Absolute, for a firmware-embedded connection that ensures the fleet is visible and secure, even when devices are offline.



## Built to be serviceable and secure

ThinkPad T16 Gen 5 is engineered to optimize the bottom line, with an industry-leading standard of full fleet-first CRU repairability. Common replaceable and serviceable parts across the series—including battery, memory, USB-C ports, I/O Daughter Card and the entire keyboard—streamlines IT repairs so teams spend less time waiting and more time doing. Backed by AMD PRO technologies for security, manageability and stability, this device is purpose-built for the AI-powered future of enterprise computing. Accessibility features, like the tactile markers, plus recycled materials, green certifications and Lenovo Sustainability Services further boost the responsible design. And the comprehensive, modern and resilient protection of ThinkShield Security, including firmware-level defenses, fortifies your enterprise against the evolving complexities of cyberthreats.



## There are laptops. And there's ThinkPad.

Unapologetically professional and always focused on improving performance, Lenovo ThinkPad devices deliver timeless sophistication. Since 1992, function has defined form, with purpose and people over pretension. Although refined through the decades to stay one step ahead of tech's exponential advances, ThinkPad is still built for outcome-driven people who let their actions speak louder than flash.



### Purposeful design

- Obsession with purpose-driven design elements—nothing is merely ornamental.
- Premium materials for beauty, efficiency, and strength.
- Best-in class repairability (customer replaceable units, iFixit partnership, easily replaceable keyboard).
- Clean, modern finishes that impress without boasting.



### Calm Tech Certified™

- Reduced cognitive load with industry-unique TrackPoint for no-look, ergonomic cursor control.
- Natural curve key shape, low-blue-light displays and soft-touch, grippy materials for user ease and comfort.
- Industry-leading accessibility features, like tactile keyboard markers and lighted indicators for user stress reduction.



### Trusted quality

- Robust real-world durability to withstand any environment and temperature extremes.
- Hinge life and port hardiness to endure on-the-move productivity.
- Certifications and mechanical design that combine to elevate resilience against drops, spills, and bumps.

Lenovo's relentless quest for perfection has made ThinkPad the most consistently top-rated business laptop in the world. But it's not a laptop. It's a ThinkPad.

## Committed to sustainability

At Lenovo, we're focused on providing smarter technology that builds a brighter, more sustainable future for our customers, colleagues, communities, and the planet. We equip and empower you to pursue your sustainability goals with smarter end-to-end solutions, from how we make and ship your technology to how you use and return it.

The **Lenovo ThinkPad T16 Gen 5** is another example of how we continue innovating to provide technology solutions that are more energy efficient and human-centered. And we're proud to partner with industry leaders like AMD as we strive to solve humanity's greatest challenges.

Responsible design	Lenovo ThinkPad T16 Gen 5
A cover	AI stamping (50% PIC)
C Frame/S Frame	90% recycled magnesium
D cover	PC/CF (30% PCC PC) PC/GF (45% PCC PC)
Keyboard (keycaps)	85% PCC recycled plastic (black keyboard)
Keyboard (base plate)	90% recycled stainless steel
Speaker enclosure	90% PCC recycled plastic
TouchPad	30% PCC recycled REE <sup>1</sup> (Haptic TouchPad magnet)
Battery	100% recycled cobalt
Battery frame	90% PCC recycled plastic
Adaptor	90% PCC recycled plastic
Cable/Antenna holders	30% PCC recycled plastic + 5% closed-loop PCC
Fan housing	25% PCC recycled plastic, 90% recycled steel
Repairability Features	DDR5 Memory USB-C ports Battery (60Whr, 75Whr) Fan Keyboard M.2 Storage & M.2 Wireless WAN I/O Daughter Card (RJ-45, USB-A, Audio jack, HDMI)
Packaging	Plastic-free primary packaging with FSC-certified paper

<sup>1</sup> Rare Earth Element



**REDUCING  
GREENHOUSE GAS  
EMISSIONS**



**PACKAGING  
SUSTAINABILITY**



**SUSTAINABLE  
PRODUCT DESIGN**



**SUPPLY CHAIN  
SUSTAINABILITY**



## certifications & registries

ENERGY STAR® 9.0 certified

EPEAT® Gold registered in U.S.,  
Canada, and Germany

TCO 10.0 certified

CO<sub>2</sub> Offset

MIL-SPEC 810H

FSC certified

## Accessories

### ThinkPad USB4 Smart Dock 5500

Experience 4x the bandwidth with an enterprise-grade smart dock that delivers powerful charging, multi-display support, extensive port expansion, and next-gen cloud-based management.



PN: 40BC0100xx

### Lenovo Wireless Multi-Mode Pro Plus Mouse 6050

Combined with six customizable buttons, this mouse is designed for professionals who work across multiple devices—laptops, tablets, and even phones—enabling seamless switching and control.



PN: 4Y51S61876 - 4Y51S61879

### Lenovo Wireless VoIP Headset (Teams)

Engineered for the hybrid workspace, this Microsoft Teams certified headset delivers seamless connectivity via Bluetooth® with multipoint support and up to 31 hours of talk time. Designed for comfort with adjustable memory foam ear cups, it ensures clear communication and all day ease.



PN: 4XD1M80020

### ThinkPad Professional 16-inch Backpack Gen 2

Crafted from lightweight, durable materials, it efficiently organizes and protects your gear—including 16" laptops and small devices—all in a stylish, sustainable design built for everyday resilience.



PN: 4X41M69794

## Enhanced visuals

### ThinkVision P27QD-40

The QHD display and variable refresh rate deliver sharp visuals and smooth performance for effortless multitasking. Optimize connectivity using the integrated USB-C docking solution, while Lenovo's LDFM and LADM software enable remote asset management and streamlined display control for a smarter workspace.



### ThinkVision P32UD-40

Level up professional prowess with this 31.5" UHD (3840 x 2160) 4-sided ultra-thin bezel, IPS display, which delivers 98% DCI-P3, Thunderbolt4 docking, 140W power delivery and low power consumption for optimal viewing.



## Services



### Protection & Support Services

Designed to help maintain and evolve the capabilities of your devices over their lifespan with flexible options for warranty extensions, Lenovo Protection & Support Services also help minimize unplanned operating and maintenance expenses, enhancing the budget predictability of your IT operations.

#### Premier Support Plus

Direct access to advanced technicians for unscripted solutions, onsite support & a suite of smart services.

#### Premier Support

Advanced tech support 24/7/365 with single point of contact.

#### Accidental Damage Protection

Covers inevitable drops, spills & other accidents with unlimited claims for total peace of mind.



### Digital Workplace Solutions with xIQ Digital Workplace Platform

Powered by Gen AI technology, Lenovo's comprehensive and flexible Digital Workplace Solutions with the xIQ Digital Workplace Platform create a hyper-personalized experience that boosts employee satisfaction and productivity, automating workflows to streamline tasks and reduce IT strain.

#### TruScale DaaS

Empower everyone with next-gen devices and maximize ROI with one flexible, subscription-based service for device lifecycle management, security, and sustainability.

#### TruScale DaaS for Sustainability

Modular DaaS solution with Sustainability services that help manage IT carbon footprint, reduce IT costs & boost ROI.

#### TruScale DaaS for AI PC

Bundles AI-powered devices, infrastructure, and services into a pay-as-you-go XaaS model.

#### Security Services

Build total cyber-resiliency from pocket to cloud. Strengthen your cybersecurity across every layer of your business with a comprehensive, AI-enabled one-stop solution.

#### Managed Services

Remote monitoring & management to enhance device health, security & reliability.



### AI Services

From strategy to scale, Lenovo helps you design, deploy, and manage secure AI solutions that align with your goals and deliver measurable ROI.

#### AI Discover

Assessment of AI readiness across security, people, processes & technology for tailored roadmap to drive business value.

#### AI Adoption & Change Management

Helps integrate AI technologies, upskill employees, drive engagement to maximize ROI, addressing unique infrastructure & culture challenges.

## ThinkShield

Lenovo is committed to being our customer's most trusted technology supplier. ThinkShield delivers **Comprehensive, Modern, and Resilient** solutions to defend your business.

### COMPREHENSIVE

End-to-end protection against attacks at every level.

### MODERN

AI-driven threat prevention, behavior-based analysis, and self-healing BIOS capabilities.

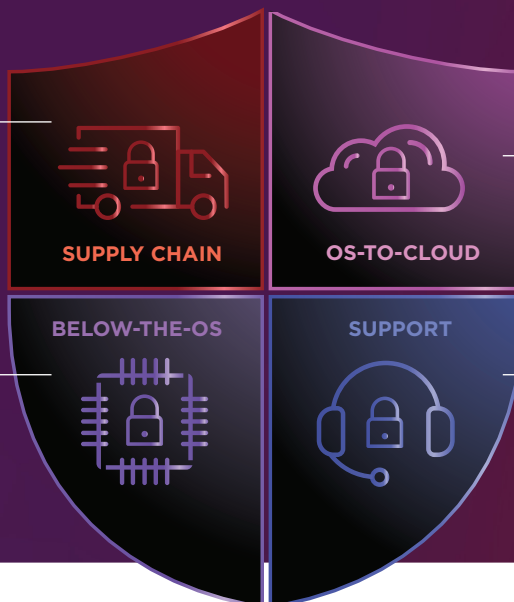
### RESILIENT

Minimized disruptions by diagnosing and remediating device health issues for productivity.

Lenovo ThinkShield, protecting your business, everywhere.

#### Secure from the start

End-to-end supply chain protection with verifiable hardware and software assurance.



#### Smarter protection with AI + XDR

AI-powered security that safeguards against ransomware, phishing and data loss before they happen.

#### Integrity at every level

Fleet-wide firmware and hardware defense against rogue devices and advanced attacks.

#### Always on

Expert protection and support, seamlessly handled by one trusted partner, 24x7.

### One partner, total protection.

Fueled by delivering smarter technology for all, Lenovo ThinkShield is constantly evolving our hardware, software and services to provide reliable security solutions to defend your business—without compromising end-user productivity.



Safeguard your assets



Ensure end-to-end protection and reduce attack surface



Automate protection to boost efficiency



Tailor plans to suit your needs



Stay compliant with regulatory standards

Learn more at [Lenovo.com/ThinkShield](https://lenovo.com/thinkshield)

## ThinkVantage Technologies

### Enriching the Think experience.

For over 20 years, ThinkVantage Technologies (TVT) has been simplifying device management, increasing fleet stability, reducing the costs of IT admin/ops, and keeping endusers happy. It's a heavy burden to manage PCs. We meet you where you are to solve the challenges that keep you awake at night.



Reduce IT overhead through automation of deployment, patching & updates.



Accelerate modernization with tools that support modern management frameworks.



Improve user experience with proactive system health monitoring & self-healing capabilities.



Enhance security & compliance with integrated asset tracking & sustainability insights.

### Lenovo Device Orchestration

## Your administrative UI to optimize fleet management.

Lenovo Device Orchestration (LDO) is an intelligent endpoint management solution that empowers IT teams to monitor, manage, and optimize devices against common issues. LDO enhances the health, security, and performance of your devices, reducing downtime and boosting employee productivity.

- Gen AI power designed to help IT/Ops manage devices at scale with greater efficiency, insight, and automation.
- AI-generated proactive and predictive insights, remote access and control of PCs, and hardware inventory.
- Cloud-based service for real-time results with no infrastructure setup or investment required.
- Admin/Operations-facing controls for behind-the-user management.

# ThinkVantage Technologies

From deployment to sustained productivity, ThinkVantage Technologies streamline workflow efficiencies through expert guidance, customized solutions, and centralized fleet management. TVT is device management, your way.

Learn more at <https://support.lenovo.com/us/en/solutions/ht104232-think-deployment-resource-center>

# Lenovo ThinkPad T16 Gen 5

## performance

### PROCESSOR

Up to AMD Ryzen™ AI PRO 400 Series processors

### OPERATING SYSTEM

Windows 11 Pro

### GRAPHICS

AMD Radeon™ graphics

### MEMORY

DDR5, up to 96GB (2x48GB) (AMD Ryzen™ AI PRO 400 Series processors only)

### STORAGE

Up to 1TB

Up to 2TB (AMD Ryzen™ AI PRO 400 Series processors only)  
PCIe Gen4x4 Performance SSD (2280)

### BATTERY

CRU 60Whr, CRU 75Whr

### AC ADAPTOR

65W 80cc GaN USB-C  
65W 49cc Wall Mount USB-C  
65W 110cc Brick USB-C  
100W USB-C  
100W Dual Port USB-C  
No adaptor option

### CAMERA

5MP RGB + 5MP RGB + IR Camera + 5MP RGB + IR + CV + vHDR Camera  
5MP separate RGB and IR camera: Win Hello 3.0 and later

1. Mic and Camera RGB & IR camera w/ Thinkshutter (all models)
2. No Mic and No Camera for RGB and Hybrid w/o Thinkshutter (FHD & TAA)
3. Mic only

### AUDIO

Side user-facing Dolby® Audio Speaker System 3411 SLS Speakers  
Dolby® Voice  
2x speakers (90% PCC)  
2x microphones

## software

Lenovo Commercial Vantage  
TrackPoint Quick Menu  
Lenovo Smart Connect  
Dolby Settings

## security

Lenovo ThinkShield  
Power-on MoC touch fingerprint reader  
IR camera option with Windows Hello facial recognition  
dTPM 2.0 chip  
Webcam privacy shutter  
Nano Kensington™ lock slot

## connectivity

### INPUT/OUTPUT PORTS

1x USB-A 3.2 Gen1  
1x USB-A 3.2 Gen1 (always on)  
2x USB-C (TBT4)  
Audio  
HDMI 2.1  
RJ45  
SIM  
Smartcard reader

### WIRELESS

Wi-Fi 7 (5 Gig)  
PCIOT (CAT1), CAT6, CAT20; eSIM  
5G  
Bluetooth 5.4

### NFC

Yes

### DOCKING

Thunderbolt 4  
USB-C

## design

### DISPLAY

16" WUXGA (FHD+) IPS (400nits, 45% CG with 3M LEO (LS D3-160)  
16" Low Power WUXGA (FHD+) IPS Touch (500nits, 100% sRGB,  
16" Privacy Guard WUXGA (FHD+) IPS Touch (500nits, 100% sRGB); 400 Series only  
88.85% STB ratio

### DIMENSIONS (W X D X H)

Starting at 357.9 x 247.9 x 23.8 (rear) / 18.2 (front) / 11.45 (max) mm /  
14.09 x 9.75 x 0.93 (rear) / 0.71 (front) / 0.45 (max) in

### WEIGHT

Starting at 1.64 kg/ 3.62 lbs

### MIL-STD-810H

Yes

### KEYBOARD

ThinkPad TrackPoint Keyboard (1.5mm travel)  
Three Buttons TrackPad  
TrackPoint Quick Menu

### COLORS

Eclipse Black



**AMD**  
**RYZEN AI**  
PRO 400 Series

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