Lenovo Workstations

ThinkStation P Series and ThinkPad P Series

Push the limits of productivity, creativity, and innovation

Lenovo ThinkStation

Lenovo ThinkPad

Why Lenovo

Lenovo focuses on power, performance, and industry-leading reliability in every ThinkStation and ThinkPad we design. By combining the absolute top-of-the-line components with groundbreaking designs, we are able to push our systems harder and have the raw power necessary to handle the most demanding workloads. Absolutely key for a top performing workstation is the ability to keep its components cool. This is where our patented Tri-Channel cooling in our towers and FLEX Performance cooling in our notebooks comes to fruition. These revolutionary designs allow CPUs and GPUs to run at peak performance until the job is done while simultaneously keeping the components cool, which makes for a long-lasting and reliable machine.

Design Philosophy

Architects, product and software designers, financial traders, medical professionals, and engineers all need high-performing, easy-to-use, dependable power to get the job done. Lenovo Workstations are designed from the ground up with customer-driven innovation, delivering the highest levels of performance, ease of use and industry-leading reliability. With our ingenious ThinkStation modular design, making upgrades and customizations is effortless and supports a staggering number of possible configurations. The combination of our ground-breaking design with the latest Intel® and AMD professional CPUs, up to NVIDIA RTX PRO™ and AMD Radeon™ PRO professional GPUs delivers the absolute best possible user experience to turn ideas into reality.

Key Features

Ultimate Power & Performance
Powered by the latest Intel and AMD professional CPUs, up to NVIDIA RTX PRO and AMD Radeon PRO professional GPUs for maximum power and performance.

Expanded Solutions Expertise
Expanded support of emerging technologies such as AI and AR/VR, as well as software tools to optimize performance.

ThinkShield Security
Lenovo ThinkShield delivers complete protection wherever and whenever work happens.

Tested & Certified
Tested and certified by independent software vendors (ISVs) to support the applications you need.

Sustainable Materials & Certifications
Manufactured and packaged responsibly to reduce carbon emissions without compromising on quality.

Enhanced Serviceability
Front panel LCD for error detection and tool-less modularity for easy upgrades and custom configurations.

ThinkStation PX

Discover Lenovo's most powerful AI-Ready workstation, ThinkStation PX. Co-designed with Aston Martin, masters of aerodynamics, the PX is the epitome of form and function–combining a premium chassis with a fine-tuned thermal design that pushes out maximum performance from its ultra-high-end components. Featuring the latest 5th Gen Intel® Xeon® Scalable processors, up to 128 cores, and support for up to four NVIDIA RTX PRO 6000 Blackwell Max-Q^ Workstation Edition GPUs, this workstation goes beyond the limits of desktop performance to power even the most extreme workloads. The ThinkStation PX was designed to support AI workloads and meticulously engineered from the ground up to tackle next generation AI, HPC and engineering simulation workflows with the unique power and performance of the NVIDIA A800 40GB Active.

Purpose built to handle the most complex of AI datasets, the ThinkStation PX exudes scalability and agility for companies' AI projects. Enabling AI professionals and Data Scientists to create intricate AI Model Training, Fine Tuning & Inferencing workloads like never before.

Offering flexibility for both desktop and data center environments, the ThinkStation PX is a versatile workstation that bridges the gap where previous solutions fell short. With an iconic, rack-optimized chassis and the processing power of multiple high-end GPUs, the PX was designed from the ground up to run the most complex computing tasks seamlessly.

Lenovo's Most Powerful AI-Ready Workstation

Key Features

Processor
Dual 5th Gen Intel Xeon Scalable up to 128 cores (64 per CPU), up to 4.1GHz per CPU

Graphics
Up to 4x RTX PRO 6000 Blackwell Max-Q^ Workstation Edition

Memory
Up to 2TB DDR5 5600MT/s ECC**

Power Supply
1850W (92% efficient)
Optional redundant power supplies***

Storage
Up to 60TB Internal Storage with up to 9 Total Drives***

Accessibility
Front drive access and tool-less accessibility

^ For a full list of configuration details please visit: https://psref.lenovo.com
** Max speed dependent on configuration
*** Depending on drive configuration

ThinkStation P8

Engineered for elite performance, the Lenovo ThinkStation P8 is a powerhouse that redefines what a workstation can do. Built with an iconic design and full-spectrum compute power, this workstation combines cutting-edge thermal engineering with a sleek, versatile chassis that exudes precision and prestige. The P8 continues to lead in core count and speed with AMD Ryzen™ Threadripper™ PRO 9000 WX-Series processors, delivering game-changing performance with up to 96 cores and a 5.4GHz max boost frequency. Now featuring up to NVIDIA RTX PRO 6000 Blackwell Workstation Edition graphics with 96GB of ultra-fast GDDR7 memory, it effortlessly tackles the most advanced AI models and demanding creative workflows. Whether you're working on real-time 3D modeling, ultra high-resolution media production, or local AI development, this workstation is purpose-built for professionals who demand extreme multi-threaded performance.

Revolutionary Design, Accelerated Power

Key Features

Processor
AMD Ryzen Threadripper PRO 9000 WX-Series (up to 96 cores, up to 5.4GHz)

Graphics*
Up to 1x RTX PRO 6000 Blackwell or
Up to 3x RTX PRO 6000 Blackwell Max-Q

Memory
Up to 1TB DDR5 6400MT/s ECC**

Power Supply
1000W or 1400W
(up to 92% efficiency)

Storage
Up to 52TB Internal Storage
Up to 8 Total Drives*

Ethernet
Standard 1 Gigabit and 10 Gigabit

* Depending on drive configuration; extra hardware may be required

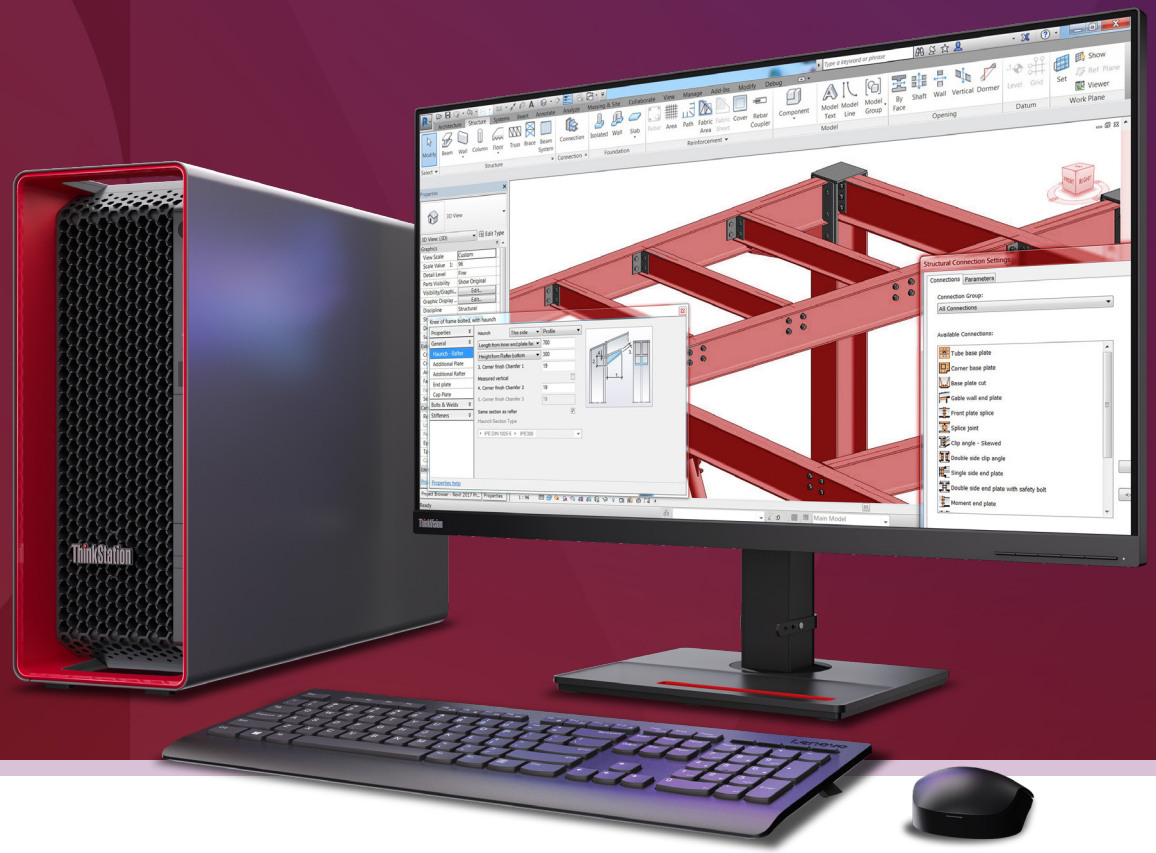
** 1TB available depending on configuration

ThinkStation P7

The bold Lenovo ThinkStation P7 is a force to be reckoned with and brings together unique architecture with an optimized thermal design in a versatile, Aston Martin inspired chassis. Featuring the latest Intel Xeon W-3500 processors, the P7 delivers up to 60 cores, robust PCIe Gen 5 connectivity, and high-speed DDR5 memory—all in a single-socket platform. Combined with the power of up to three NVIDIA RTX PRO 6000 Blackwell Workstation Edition GPUs, the P7 is undaunted by massive datasets and tackles compute-intensive, multithreaded tasks head-on. Lenovo Workstations excel, purpose-built to tackle demanding AI workloads like data preparation, model scoring, training and fine-tuning.

Rack-optimized for enterprises that demand flexibility between desktop and data center environments, the ThinkStation P7 breaks new ground by taking on workloads that were traditionally reserved for cloud or server resources—all while maintaining nondisruptive workstation acoustics. Designed for data scientists, engineers and high-end creatives, experience end-to-end workflow performance across game development, 3D rendering, computational fluid dynamics, and more. Easily implement custom configurations with front access, hot-swap drives and multiple power supply options.

Staggering, Single-Socket Power



Key Features

Processor
Intel Xeon W-3500 processor
(up to 60 cores, up to 4.8GHz)

Graphics
Up to 1x RTX PRO 6000 Blackwell or
Up to 3x RTX PRO 6000 Blackwell Max-Q

Memory
Up to 1TB DDR5 4800MT/s ECC**

Power Supply
1000W or 1400W
(up to 92% efficiency)

Storage
Up to 52TB Internal Storage with
up to 7 Total Drives***

Ethernet
Standard 1 Gigabit and 10 Gigabit

** 4800MT/s max speed; available depending on configuration
*** Depending on drive configuration; additional hardware may be required

ThinkStation P5

The Lenovo ThinkStation P5 is designed to maximize productivity, simplify upgrades, and accelerate innovation for professionals who demand uncompromising performance and flexibility. Its iconic modular chassis and tool-free design make hardware changes effortless, while front-access hot-swap storage ensures quick data handling without interrupting workflows.

Powered by the latest Intel Xeon 600 processors for workstation with up to 48 cores and PCIe Gen 5 bandwidth, the P5 delivers blazing-fast compute performance for complex tasks like large-scale BIM, 3D CAD modeling, VFX rendering, and AI development. Support for up to two NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition GPUs enables real-time visualization, accelerated AI inferencing, and graphics-intensive simulations, giving users the confidence to tackle evolving project demands.

With up to 1TB of DDR5 memory at 6400MT/s, the P5 handles massive datasets with ease, while enterprise-grade security features and ThinkShield integration protect sensitive data. Remote management capabilities further enhance IT control and reduce operational complexity.

Whether you're designing, engineering, or creating, the ThinkStation P5 empowers you to work faster, scale smarter, and stay ahead of tomorrow's demands—the ultimate industry workhorse built for mission-critical reliability.

The Future-proof Industry Workhorse

Key Features

Processor
Intel Xeon 600 processors for workstation (up to 48 cores, up to 4.9GHz)

Graphics
Up to 2x RTX PRO 6000 Blackwell Max-Q GPUs

Memory
Up to 1TB DDR5 6400MT/s ECC

Power Supply
750W or 1000W (up to 92% efficiency)

Storage
Up to 52TB Internal Storage with up to 7 Total Drives*

Accessibility
Front drive access and tool-less accessibility

* Depending on drive configuration; additional hardware may be required

ThinkStation P4

The Lenovo ThinkStation P4 is an entry tower workstation that sets a new performance benchmark for its class—built for engineers, designers, and creators who need dependable workstation-class power that scales. Thoughtfully engineered to meet professional needs in an accessible, desk-side design, the P4 allows you to work faster and stay productive as project complexity grows.

Powered by AMD Ryzen™ PRO 9000 Series processors, the ThinkStation P4 delivers the speed and responsiveness required for demanding workflows such as CAD, BIM, simulation, rendering, and software development. An advanced liquid-cooling design for higher power CPU options enables sustained performance by maintaining optimal thermal conditions—helping systems run cooler, quieter, and more consistently during heavy workloads. And with support for up to the NVIDIA RTX PRO™ 6000 Blackwell Workstation Edition GPU, the P4 provides unmatched AI processing power to take on advanced models and the most graphics-intensive tasks.

Designed to grow as compute needs increase, the P4 supports generous memory and storage configurations, keeping large models, datasets, and project files local and easily accessible. Flexible expansion and modern connectivity allow the workstation to adapt as workflows evolve, helping organizations align performance with long-term IT strategies. Built for consistency, scalability, and trust, the ThinkStation P4 tackles today's workloads with a strong foundation for you to confidently navigate the demands of tomorrow.

Workstation Performance, Elevated

Key Features

Processor
Up to AMD Ryzen™ 9 PRO 9965X3D (up to 16 cores, up to 5.5GHz)

Graphics
Up to NVIDIA RTX PRO 6000 Blackwell Workstation Edition (96GB GDDR7 ECC VRAM)

Memory
Up to 256GB DDR5, up to 6400MT/s*

Power Supply
500W, 750W, 1100W (92% efficient)

Storage
Up to 48TB Internal Storage with up to 6 Total Drives

Cooling
Advanced liquid cooling design supports up to 170W TDP

* Memory spec transfer rate listed; system support transfer rate may vary by configuration

ThinkStation P3 Tower

Experience the power of a workstation at the price of a desktop with the Lenovo ThinkStation P3 Tower. Built for mission-critical tasks that require superior reliability and powerful performance, the ThinkStation P3 Tower excels on both counts while offering exceptional, all-around value. Perfectly configured to streamline your workflow, this AI-ready workstation supports up to Intel® Core™ Ultra 9 processors (Series 2) with an integrated Neural Processing Unit (NPU) and up to NVIDIA RTX PRO 6000 Blackwell Workstation Edition+ graphics—delivering over 4000 TOPS. Now featuring up to 256GB of high-speed DDR5 memory and expanded storage with enhanced RAID flexibility, the ISV-certified P3 Tower is a true powerhouse in the entry space. Maximizing value without compromising on performance, this workstation is ideal for designers, engineers, and students who need a versatile, cost-efficient solution with robust compute power. Discover the perfect blend of affordability and performance with the Lenovo ThinkStation P3 Tower—an ideal workstation solution for any budget.

Engineered by Engineers for Engineers

Key Features

Processor
Up to Intel Core Ultra 9 processor (Series 2) with Intel vPro

Graphics
Up to NVIDIA RTX PRO 6000 Blackwell Workstation Edition+

AI
CPU Package: up to 36 TOPS
GPU: up to 4000 TOPS
Total: up to 4036 TOPS

Memory
Up to 256GB DDR5, 6400MT/s*

Storage
Up to 16TB M.2 PCIe NVMe Performance SSDs**

Power Supply
500W, 750W, or 1100W (92% efficient)

+ Available Q2 2026
* Memory spec transfer rate listed; system support transfer rate may vary by configuration
** Optional M.2 Add In Card (up to 1 x 4TB) adds additional storage

ThinkStation P3 Ultra SFF

The Lenovo ThinkStation P3 Ultra SFF (Small Form Factor) features a revolutionary design that redefines the power of small. Supporting up to Intel Core Ultra 9 processors (Series 2) with an integrated Neural Processing Unit (NPU) and up to NVIDIA RTX PRO 4000 Blackwell SFF Edition GPU, this system packs an unimaginable level of power and AI-enhanced performance in a chassis less than four liters in total volume. Now boasting up to 128GB of faster DDR5 memory at 6400 MT/s, PCIe Gen 5 for high-speed data transfer, and additional M.2 slots for more expandable storage, this workstation breaks new ground with an intelligently compact form factor that doesn't compromise on functionality.

Ideal for demanding workflows that require flexible configurations and maximum space-savings, the EPEAT® Gold certified P3 Ultra SFF is exactly what many professional users have been longing for—especially as they keep up with modern workplace changes. Now more than ever, organizations are hiring hybrid and remote workers, deploying additional resources to compute at the edge, and trying to do it all with minimal environmental impact. With support for a pluggable BMC, this workstation enables advanced remote monitoring and systems management in this critical time of digital transformation. And with its space-efficient chassis, the ThinkStation P3 Ultra SFF provides a versatile, more sustainable enterprise solution, setting a new standard for performance in a smaller, smarter footprint.

The Evolution of Small

Key Features

Processor
Up to Intel Core Ultra 9 processor (Series 2) with Intel vPro

Graphics
Up to NVIDIA RTX PRO 4000 Blackwell SFF Edition GPU

Display
Support for up to 11 independent displays***

Storage
Up to 16TB* M.2 PCIe NVMe Performance SSDs

Memory
Up to 128GB DDR5 6400MT/s ECC or non-ECC**

USB
7 USB Ports (3 Front, 4 Back) including 2 Thunderbolt™ Ports

* Optional M.2 Add In Card (up to 1 x 4TB) adds additional storage
** Memory spec frequency listed; system support frequency may vary by configuration
*** 3 via onboard ports and 8 via two discrete graphics cards (2x NVIDIA RTX™ A1000 / A400)

ThinkStation P3 Tiny

Engineered to go where others can't, the Lenovo ThinkStation P3 Tiny combines simple and efficient design with professional-level power. The industry's smallest workstation at only one liter in total volume, it offers uncompromising performance in a form factor that is 96% smaller than a traditional desktop. Supporting up to Intel Core Ultra 9 processors (Series 2) with an integrated Neural Processing Unit (NPU) and up to NVIDIA RTX A1000 graphics, the P3 Tiny boasts support for more AI-optimized workflows, a wide range of accessories and up to six independent displays. With several other enhancements introduced in this latest generation including faster, higher capacity DDR5 memory—now up to 128GB at 6400MT/s, more M.2 slots for expandable storage, Wi-Fi® 7 connectivity, and Thunderbolt™ 4 support, the P3 Tiny continuously strives to provide maximum functionality within a conveniently compact design.

Incredibly versatile with an array of mounting options, the ISV-certified P3 Tiny provides a reliable, easy-to-deploy solution for professionals across architecture and engineering, finance, healthcare, and STEM education—a proven industry workhorse in a conveniently pint-sized package.

The World's Smallest Workstation

Key Features

Processor
Up to Intel Core Ultra 9 processor (Series 2) with Intel vPro

Graphics
Up to NVIDIA RTX A1000

AI
CPU Package: up to 36 TOPS
GPU: up to 108 TOPS
Total: up to 144 TOPS

Memory
Up to 128GB DDR5 6400MT/s*

Storage
Support for three M.2 PCIe® Gen 5 NVMe SSDs

Display
Up to six independent 4K displays**

* Memory spec transfer rate listed; system support transfer rate may vary by configuration
** Available with Discrete Graphics Only

ThinkStation P2

Workstation performance is now within your reach with the Lenovo ThinkStation P2. Purpose-built for data-intensive tasks requiring reliability and speed, the ThinkStation P2 delivers the compute power you need at an accessible price point. Featuring up to Intel Core Ultra 9 processors (Series 2) with an integrated Neural Processing Unit (NPU) and NVIDIA RTX PRO 4000 Blackwell GPU, this workstation supports next-generation AI tasks with ease, optimizing your workflow and boosting productivity. Now enhanced with PCIe Gen 5 support, faster DDR5 memory at 5600 MT/s, and more M.2 slots for expandable storage, the ThinkStation P2 sets new performance standards in the entry space while offering outstanding value. Proudly EPEAT Gold registered, the P2 ensures responsible manufacturing and packaging without compromising on quality or performance. Ideal for entry-level CAD, product design, STEAM educators, and students, the versatile, ISV-certified ThinkStation P2 meets diverse workflow needs across industries without breaking the bank.

Uncompromising Performance, Unbeatable Value

Key Features

Processor
Up to Intel Core Ultra 9 processor (Series 2) with Intel vPro

Graphics
Up to NVIDIA RTX PRO 4000 Blackwell

AI
CPU Package: up to 36 TOPS
GPU: up to 1178 TOPS
Total: up to 1214 TOPS

Storage
Up to 24TB including up to 16TB M.2 PCIe NVMe SSDs

Memory
Up to 128GB DDR5 5600MT/s ECC or non-ECC*

Power
500W, 750W Power Supply (92% Efficient)

* Memory spec frequency listed; system support frequency may vary by configuration

ThinkPad P16

Desktop-Class Performance, Wherever You Go.

Unleash your potential with the Lenovo ThinkPad P16, a mobile powerhouse engineered to take on the heaviest workloads.

Featuring the latest Intel Core Ultra HX Series 2 processors with Intel vPro® technology, up to 24 cores, and an integrated NPU for fast and efficient AI processing, the ThinkPad P16 ensures smooth and efficient workflows for even the most demanding applications. With up to the NVIDIA RTX PRO 5000 Blackwell Generation Laptop GPU (24GB) in a discrete GPU design, the P16 delivers maximum performance for the most graphics-intensive tasks—from gaming to complex 3D rendering. Stay connected and productive anywhere with the latest Intel Wi-Fi 7 and 5G WWAN technologies, offering lightning-fast speeds and reliable connections. The stunning Tandem OLED display provides vibrant visuals and exceptional clarity, ensuring color accuracy and optimal brightness in any environment.

Whether you're creating, fine-tuning or testing models for AI development, editing high-resolution videos, or running intensive simulations, this workstation delivers desktop-level power in a mobile form factor.

Elevate your work experience with the ThinkPad P16—your ultimate partner in professional excellence.

Key Features

Processor
Intel Core Ultra Processors (Series 2)
HX-Series (up to 24 cores, up to 5.5GHz)

Graphics
Up to NVIDIA RTX PRO 5000
Blackwell Generation Laptop GPU

AI
CPU Package: up to 36 TOPS
GPU: up to 1824 TOPS
Total: up to 1860 TOPS

Storage
Up to 12TB M.2 PCIe Gen5 NVMe
Performance SSDs

Memory
Up to 192GB DDR5 5600MT/s
non-ECC or 128GB ECC*

Display
Multiple 16" 16:10 Screen Options
Including stunning 3.2K Tandem OLED
Touch with HDR600 and Dolby Vision®

* Memory spec frequency listed; system support frequency may vary by configuration

ThinkPad P1

The Lenovo ThinkPad P1 combines exceptional power with sleek design. Featuring up to the latest Intel Core Ultra X9 Series 3 Processor and up to the NVIDIA RTX PRO 2000 Blackwell Generation Laptop GPU, the P1 delivers improved AI capabilities with up to 672 TOPS of combined CPU, GPU, and NPU performance, plus Copilot+ support for next-generation workflows.

Built for professionals on the move, the ThinkPad P1 keeps you connected and productive wherever work takes you. Enjoy next-generation wireless performance with Wi-Fi 7 and optional 5G WWAN for secure, high-speed access from virtually anywhere. Its lightweight aluminum chassis and ultra-narrow bezels deliver a sophisticated design optimized for demanding ISV workloads on the go.

For content creators, the P1's stunning 16:10 display with optional Tandem OLED touch screen offers increased brightness, high refresh rates, and excellent color reproduction, ensuring every detail of your creative work is vivid and accurate.

Game developers and CAD specialists will appreciate the P1's low blue light displays, Dolby Vision, and precise color calibration, which are essential for detailed design work and complex simulations. And with enhanced LPCAMM2 memory modules, the P1 now offers faster LPDDR5x speeds up to 8533MT/s*, lower latency, and up to 96GB of upgradeable RAM in a thinner form factor.

Experience the perfect blend of form and function with the Lenovo ThinkPad P1—where power, precision, and portability converge to redefine your professional potential.

Designed to Impress. Built to Perform.

Key Features

Processor
Up to Intel® Core™ Ultra X9 (Series 3) H-Series Processor (up to 16 cores, up to 5.1GHz)

Memory
Up to 96GB LPDDR5x 8533MT/s*

Graphics
Integrated: Intel Arc Pro
Discrete: Up to NVIDIA RTX PRO 2000 Blackwell Generation Laptop GPU

Storage
Up to 8TB M.2 PCIe Gen5 NVMe Performance SSDs

AI
CPU Package: up to 180 TOPS**
GPU: up to 572 TOPS
Total: up to 672 TOPS***

Display
Multiple 16″ 16:10 Screen Options Including stunning 3.2K Tandem OLED Touch with HDR600 and Dolby Vision

* Memory spec frequency listed; system support frequency may vary by configuration
** Intel® Arc™ Pro 12Xe cannot be combined with discrete graphics. The maximum combined performance for systems configured with the Intel® Arc™ Pro 12Xe is 180 TOPS
*** For systems configured with Intel 4Xe graphics and a discrete GPU

ThinkPad P16s *i*

The next generation of the Lenovo ThinkPad P16s *i* sets a new benchmark for mainstream mobile workstations, delivering major upgrades in a lighter, more portable design. Powered by up to the latest Intel Core Ultra X9 Series 3 Processor and an improved NPU, it supports Copilot+ experiences for AI-enhanced productivity. For graphics-intensive tasks, it now offers up to the NVIDIA RTX PRO 2000 Blackwell Generation Laptop GPU, enabling smooth real-time visualization, rendering, and advanced design workflows.

The new LPCAMM2 memory architecture supports up to 96GB LPDDR5x at 8533MT/s*, delivering faster speeds and lower latency in a thinner form factor. Combined with extensive ISV certifications, the P16s *i* ensures optimal performance for mission-critical applications like AutoCAD, Revit, SOLIDWORKS, and Adobe Creative Suite.

Its sleek 16-inch chassis, starting at 1.79kg, supports an optional 2.8K OLED display, full numeric keypad, wider touchpad, and 5MP RGB-IR camera. Built with recycled materials and customer-replaceable components, the ThinkPad P16s i offers the perfect blend of performance, portability, and sustainability—empowering professionals to tackle complex workflows anywhere.

Performance That Moves With You.

Key Features

Processor
Up to Intel Core Ultra X9 Series 3 Processor (up to 16 cores, up to 5.1GHz)

Memory
Up to 96GB LPDDR5x 8533MT/s*

Graphics
Up to NVIDIA RTX PRO 2000 Blackwell Generation Laptop GPU

Storage
Up to 4TB NVMe PCIe Gen5 performance SSD

AI
CPU package: up to 170 TOPS
GPU: up to 572 TOPS
Total: up to 742 TOPS

Display
Multiple 16″ 16:10 Screen Options Including 2.8K OLED with Dolby Vision and X-Rite FCC

* Memory spec frequency listed; system support frequency may vary by configuration

ThinkPad P16s AMD

The Lenovo ThinkPad P16s AMD redefines mainstream mobile workstations, elevating its performance and versatility to a higher class. Built for professionals who demand power and portability, this generation delivers significant upgrades in a sleek chassis starting at 1.75kg.

Powered by AMD Ryzen AI PRO 400 Series processors, a dedicated AMD XDNA 2 NPU and up to the NVIDIA RTX PRO 2000 Blackwell Laptop GPU, the P16s handles complex workflows with ease—from 3D design and real-time simulation to video editing and generative modeling. And with up to 658 TOPS of AI performance, it's ready for next-generation applications and Copilot+ experiences.

Enjoy lightning-fast responsiveness with LPCAMM2 memory up to 96GB LPDDR5x and PCIe Gen 5 storage up to 4TB. A 2.8K OLED display option ensures exceptional color accuracy for creators, while a 90Whr battery and advanced thermal design keep you productive longer. Stay connected anywhere with Wi-Fi 7 and optional 5G WWAN for secure, high-speed access on the go.

Designed for sustainability and serviceability, the ThinkPad P16s now features more customer-replaceable components, reducing downtime and environmental impact. It offers the perfect balance of performance, portability, and reliability—empowering professionals to push boundaries wherever work takes them.

Performance at the Speed of Life

Key Features

Processor
Up to AMD Ryzen AI 9 HX PRO 470 processors (up to 12 cores, up to 5.2GHz)

Graphics
Up to NVIDIA RTX PRO 2000 Blackwell Generation Laptop GPU

AI
CPU package: up to 86 TOPS
GPU: up to 572 TOPS
Total: up to 658 TOPS

Display
Multiple 16" 16:10 Screen Options Including 2.8K 500nit OLED with Dolby Vision and X-Rite FCC

Memory
Up to 96GB LPDDR5x 8533MT/s*

Keyboard
ThinkPad Backlit or non-Backlit, Spill Resistant with Numeric Keypad and Copilot Key

* Memory spec frequency listed; system support frequency may vary by configuration

ThinkPad P14s *i*

The Lenovo ThinkPad P14s *i*, our compact, ultra-lightweight mobile workstation, delivers premium performance and configurability in a sleek 14.5-inch chassis with an optimized 16:10 display. Featuring up to the latest Intel Core Ultra X9 Series 3 Processor and up to the NVIDIA RTX PRO 1000 Blackwell Generation Laptop GPU, it provides enhanced AI performance and now offers Copilot+ support for next-generation productivity.

Now featuring an LPCAMM2 memory architecture, the P14s *i* enables up to 96GB LPDDR5x for faster speeds and lower latency. Connectivity is future-ready with Intel Wi-Fi 7 and optional 5G WWAN, ensuring seamless collaboration anywhere. Engineered for security and reliability, it includes dual tamper switches and Lenovo ThinkShield for robust protection.

Designed for user-friendly maintenance, the P14s *i* offers easy access to customer replaceable units (CRUs) and is rigorously tested to MIL-SPEC standards for durability. With its combination of portability, power, and advanced features, the ThinkPad P14s *i* is the ideal solution for professionals, educators, and students who need uncompromising performance on the go.

Compact Power for Creative Minds.

Key Features

Processor
Up to Intel Core Ultra X9 Series 3 Processor (up to 16 cores, up to 5.1GHz)

Memory
Up to 96GB LPDDR5x 8533MT/s*

Graphics
Up to NVIDIA RTX PRO 1000 Blackwell Generation Laptop GPU

Storage
Up to 2TB NVMe PCIe Gen5 performance SSD

AI
CPU package: up to 170 TOPS
GPU: up to 440 TOPS
Total: up to 610 TOPS

Display
Multiple 14.5" 16:10 Screen Options Including 3K 500nit IPS with 100% DCI-P3

* Memory spec frequency listed; system support frequency may vary by configuration

ThinkPad P14s AMD

The Lenovo ThinkPad P14s AMD, our lightest mobile workstation, offers premium performance in a sleek, ultra-portable 14-inch design. Step into the future with AMD Ryzen AI PRO 400 Series processors, delivering up to 86 TOPS to enable the most advanced AI features and applications in your workflow. With support for the latest Copilot+ experiences, the P14s allows for the highest level of AI-accelerated productivity, providing new ways for on-the-go professionals to complete everyday tasks quickly and more efficiently than ever before.

Despite its sleek and lightweight design, this mobile workstation is built for heavy lifting, offering a powerful, yet cost-effective enterprise solution. Powered by AMD "Zen 5" technology and integrated AMD Radeon 800M Series graphics, the P14s provides enhanced performance for complex engineering and creative workloads without compromising battery life. Featuring a unified memory architecture that supports up to 48GB of GPU-accessible VRAM, this ISV-certified workstation enables smoother workflows for simulation, generative design, and large-scale rendering—all on-device. And with simplified maintenance, more customer-replaceable parts, and easy upgrade options, the ThinkPad P14s adapts as your workflow evolves and resource needs change. Engineers, architects, educators, and students alike can innovate freely and unplugged without missing a beat.

Lenovo's Lightest AI-Ready Mobile Workstation

Key Features

Processor
Up to AMD Ryzen™ AI 9 HX PRO 470 processor (up to 12 cores, up to 5.2GHz)

Memory
Up to 96GB DDR5 5600MT/s

Graphics
Integrated; Up to AMD Radeon 890M, AMD RDNA 3.5 Architecture + AMD PRO Graphics Driver

Storage
Up to 2TB NVMe PCIe Gen5 Performance SSD

AI
NPU: 55 TOPS
Total: up to 86 TOPS with AMD XDNA 2 Architecture

Weight
Thin & Light Starting at 2.84lbs (1.29kg) and 0.47" (12.1mm)* thin

* 0.62" (15.93mm) Front / 0.47" (12.1mm) Rear, 0.89" (22.6mm) Max

Lenovo Desktop Workstations

	ThinkStation PX	ThinkStation P8	ThinkStation P7	ThinkStation P5	ThinkStation P4
	Intel	AMD	Intel	Intel	AMD
	54 Liter	39 Liter	39 Liter	33 Liter	33 Liter
	Lenovo's Most Powerful AI-Ready Workstation	**Revolutionary Design, Accelerated Power**	**Staggering, Single-Socket Power**	**The Future-proof Industry Workhorse**	**Workstation Performance, Elevated**
Processor	**Dual 5th Gen Intel Xeon Scalable processors** › up to 128 cores › up to 4.1GHz	**AMD Ryzen Threadripper PRO 9000 WX-Series Processor** › up to 96 cores › up to 5.4GHz	**Intel Xeon W-3500 processor** › up to 60 cores › up to 4.8GHz	**Intel Xeon 600 processor for workstation** › up to 48 cores › up to 4.9GHz	**AMD Ryzen™ 9 PRO 9965X3D processor** › up to 16 cores › up to 5.5GHz
Graphics*	Discrete: **NVIDIA A800** **NVIDIA RTX PRO 2000, 4000, 4500, 5000, 6000 (Max-Q) Blackwell** NVIDIA RTX 2000, 4000, 4500, 5000, 6000 Ada[4] NVIDIA RTX A400, A1000	Discrete: **NVIDIA RTX PRO 2000, 4000, 4500, 5000, 6000 (Max-Q), 6000 Blackwell** NVIDIA RTX 2000, 4000, 4500, 5000, 6000 Ada[4] NVIDIA RTX A400, A1000	Discrete: **NVIDIA RTX PRO 2000, 4000, 4500, 5000, 6000 (Max-Q), 6000 Blackwell** NVIDIA RTX 2000, 4000, 4500, 5000, 6000 Ada[4] NVIDIA RTX A400, A1000	Discrete: **NVIDIA RTX PRO 2000, 4000, 4500, 5000, 6000 (Max-Q) Blackwell** NVIDIA RTX 2000, 4000, 4500, 5000 Ada[4] NVIDIA RTX A400, A1000	Discrete: **NVIDIA RTX PRO 2000, 4000, 4500, 5000, 6000 (Max-Q), 6000 Blackwell** NVIDIA RTX A400, A1000
Memory Support	Up to **2TB DDR5 5600MT/s[2] ECC** › 16 DIMM Slots › 16GB / 32GB / 64GB (RDIMM) › 128GB (3DS-RDIMM)	Up to **1TB DDR5, 6400MT/s ECC[3]** › 8 DIMM Slots › 16GB / 32GB / 64GB / 128GB (RDIMM, 6400 MT/s)	Up to **1TB DDR5, 4800MT/s ECC** › 8 DIMM Slots › 16GB / 32GB / 64GB (RDIMM) › 128GB (3DS-RDIMM)	Up to **1TB DDR5, 6400MT/s ECC** › 8 DIMM Slots › 16GB / 32GB / 64GB / 128GB (RDIMM)	Up to **256GB 6400MT/s[2]** › 4 DIMM Slots › 16GB / 32GB ECC UDIMM › 8GB / 16GB / 32GB / 48GB Non-ECC UDIMM › 64GB Non-ECC CUDIMM
Max Drives[1]	**7 Drives** / **9 Drives**	**7 Drives** / **8 Drives**	**6 Drives** / **7 Drives**	**7 Drives**	**6 Drives**
Max Storage	**Max M.2 = 3** (12TB) / **7** (28TB) **Max 3.5" = 4** (48TB) / **2** (24TB)	**Max M.2 = 4** (16TB) / **8** (32TB) **Max 3.5" = 3** (36TB)	**Max M.2 = 5** (20TB) / **4** (16TB) **Max 3.5" = 1** (12TB) / **3** (36TB)	**Max M.2 = 4** (16TB) **Max 3.5" = 3** (36TB)	**Max M.2 = 3** (12TB) **Max 3.5" = 3** (36TB)
Power Supply	**1850W** (92% Efficient) Optional redundant power supplies	**1000W, 1400W** (92% Efficient)	**1000W, 1400W** (92% Efficient)	**750W, 1000W** (92% Efficient)	**500W, 750W, 1100W** (92% Efficient)
Dimensions (WxDxH)	**200 x 575 x 435mm** **8.7 x 22.6 x 17.1"**	**175 x 508 x 435mm** **6.9 x 20 x 17.1"**	**175 x 508 x 435mm** **6.9 x 20 x 17.1"**	**165 x 453 x 446mm** **6.5 x 17.83 x 17.55"**	**180 x 401.5 x 415mm** **7.09 x 15.81 x 16.34"**

1 Depending on drive configuration; additional hardware may be required
2 Memory spec transfer rate listed; system support transfer rate may vary by configuration
3 1TB available depending on configuration
4 NVIDIA RTX™ 6000 Ada Generation GPUs available in select countries
* NVIDIA NVLink is supported on select GPUs; some configurations are customer installable only; select NVIDIA RTX PRO Blackwell Graphics available Q4 2025

Lenovo Desktop Workstations

	ThinkStation **P3** Tower	ThinkStation **P3** Ultra SFF	ThinkStation **P3** Tiny	ThinkStation **P2**
	Intel	Intel	Intel	Intel
	27 Liter	3.9 Liter	1 Liter	17 Liter
	Engineered by Engineers for Engineers	**The Evolution of Small**	**The World's Smallest Workstation**	**Uncompromising Performance, Unbeatable Value**
Processor	**Up to Intel Core Ultra 9 processor (Series 2) with Intel vPro** › up to 24 cores › up to 5.7GHz	**Up to Intel Core Ultra 9 processor (Series 2) with Intel vPro** › up to 24 cores › up to 5.7GHz	**Up to Intel Core Ultra 9 processor (Series 2) with Intel vPro** › up to 24 cores › up to 5.6GHz	**Up to Intel Core Ultra 9 processor (Series 2) with Intel vPro** › up to 24 cores › up to 5.7GHz
Graphics*	Integrated: **Intel Graphics** Discrete: **NVIDIA RTX PRO 2000, 4000, 4500, 5000, 6000 (Max-Q), 6000+ Blackwell** NVIDIA RTX 2000, 4000, 5000 Ada NVIDIA RTX A400, A1000	Integrated: **Intel Graphics** Discrete: **NVIDIA RTX PRO 2000, 4000 SFF Blackwell** NVIDIA RTX 2000, 4000 SFF Ada NVIDIA RTX A1000, A2000	Integrated: **Intel Graphics** Discrete: **NVIDIA RTX A400, A1000**	Integrated: **Intel Graphics** Discrete: **NVIDIA RTX PRO 2000, 4000 Blackwell** NVIDIA RTX 4000 Ada NVIDIA RTX A400, A1000
Memory Support	Up to **256GB DDR5 6400MT/s**[2] › 4 DIMM Slots(UDIMM/CUDIMM) › 8GB / 16GB / 32GB / 48GB Non-ECC UDIMM › 16GB / 32GB / 48GB ECC UDIMM › 64GB Non-ECC CUDIMM	Up to **128GB DDR5 6400MT/s**[2] › 2 DIMM Slots (SODIMM / CSODIMM) › 8GB / 16GB / 32GB / 48GB / 64GB non-ECC CSODIMM › 8GB+ / 16GB+ / 32GB / 48GB non-ECC SODIMM › 16GB / 32GB / 48GB ECC CSODIMM › 16GB / 32GB / 48GB ECC SODIMM	Up to **128GB DDR5 6400MT/s**[2] › 2 DIMM Slots (CSODIMM / SODIMM) › 8GB / 16GB / 32GB / 48GB / 64GB non-ECC CSODIMM › 8GB / 16GB / 32GB / 48GB ECC SODIMM	Up to **128GB DDR5, 5600MT/s**[2] › 4 DIMM Slots (UDIMM) › 8GB / 16GB / 32GB non-ECC UDIMM › 16GB / 32GB ECC UDIMM
Max Drives	**7 Drives** **6 Drives**	**4 Drives**	**3 Drives**	**6 Drives**
Max Storage[1]	**Max M.2 = 4** (16TB)[3] **2** (8TB)[3] **Max 2.5" = 3** (23TB) or **4** (30TB) or **Max 3.5" = 3** (36TB) **4** (48TB)	**Max M.2 = 4** (16TB)	**Max M.2 = 3** (6TB)	**Max M.2 = 4** (16TB)[4] **Max 3.5" = 2** (8TB)
Power Supply	**500W, 750W, 1100W** (92% efficient)	**170W Slim, 230W, 245W, 330W** (90% efficient)	**170W, 230W, 245W, 300W, 330W** (90% Efficient)	**500W, 750W** (92% efficient)
Dimensions (WxDxH)	**180 x 370 x 415mm** **7.09 x 14.57 x 16.34"**	**87 x 223 x 202mm** **3.4 x 8.7 x 7.9"**	**37 x 182.9 x 179mm** **1.5 x 7.2 x 7"**	**170 x 315.4 x 376mm** **6.7 x 12.4 x 14.8"**

1 Any combination of storage to equal Maximum Storage Drives
2 Memory spec transfer rate listed; system support transfer rate may vary by configuration
3 Additional M.2 or Add-in-Card PCIe® SSD drives can be installed via rear PCIe® adapters
4 Optional M.2 Add In Card (up to 1x2TB) adds additional storage
* NVIDIA NVLink is supported on select GPUs; some configurations are customer installable only; select NVIDIA RTX PRO Blackwell Graphics available Q4 2025
\+ Available Q2 2026

Lenovo Mobile Workstations

ThinkPad P16

Intel

ThinkPad P1

Intel

	ThinkPad P16 **Next Level Power and Performance**	ThinkPad P1 **The Power You Need, the Machine You Want**
Processor	**Intel Core Ultra Processors (Series 2)** **HX-Series** › up to 24 cores › up to 5.5GHz	**Intel Core Ultra Processors (Series 3)** **H-Series** › up to 16 cores › up to 5.1GHz
Graphics	Discrete: **NVIDIA RTX PRO 1000, 2000, 3000, 4000, 5000 Blackwell**	Processor Integrated: **Intel Arc™ Pro 12Xe** Discrete: **NVIDIA RTX PRO 1000, 2000 Blackwell**
Memory Support	Up to **192GB non-ECC (128GB ECC)** **DDR5 5600MT/s**[2] › 4 SoDIMM Slots › 8GB / 16GB / 32GB / 48GB non-ECC › 16GB / 32GB ECC	Up to **96GB LPDDR5X 8533MT/s**[2] › LPCAMM2 (Customer Replaceable) › 16GB / 32GB / 64GB / 96GB
Max Storage	Up to **12TB M.2 PCIe Gen5 NVMe Performance SSD**	Up to **8TB M.2 PCIe Gen5 NVMe Performance SSD**
Power Supply	**180W PD 3.1 Type-C** › Rapid Charge	**140W PD 3.1 Type-C** › Rapid Charge
Battery	**99.9WHr** (Customer Replaceable)	**90WHr** (Customer Replaceable)
Weight Thinness	Starting at: **5.6lbs** (2.54kg) Front **0.62″** (15.8mm) Rear **0.82″** (20.9mm)	Starting at: **Less than 2kg*** Front **0.39″** (9.87mm) Rear **0.62″** (15.8mm)
Display	**16″ 16:10 Display** **3.2K (3200 x 2000)** › Tandem OLED Touch, SDR 600nit / HDR 1500nit, 40-120Hz Variable Refresh Rate, 100% DCI-P3, Anti-Glare/ Anti-Reflective/Anti-Smudge, HDR600, Dolby Vision®, X-Rite FCC, TÜV Eyesafe® Low Blue Light, with Pen Support **WQUXGA (UHD+) (3840 x 2400)** › IPS, 800nit, 100% DCI-P3, 60Hz, Anti-Glare, HDR 400, Dolby Vision, X-Rite FCC, TÜV Eyesafe Low Blue Light **WUXGA (FHD+) (1920 x 1200)** › IPS, 500nit, Low Power, 100% sRGB, 60Hz, Anti-Glare, X-Rite FCC, TÜV Eyesafe Low Blue Light	**16″ 16:10 Display** **3.2K (3200 x 2000)** › Tandem OLED Touch, SDR 600nit / HDR 1500nit, 40-120Hz Variable Refresh Rate, 100% DCI-P3, Anti-Glare/ Anti-Reflective/Anti-Smudge, HDR600, Dolby Vision, X-Rite FCC, TÜV Eyesafe Low Blue Light, with Pen Support **WQUXGA (UHD+) (3840 x 2400)** › IPS, 800nit, 100% DCI-P3, 60Hz, Anti-Glare, HDR 400, Dolby Vision, X-Rite FCC, TÜV Eyesafe Low Blue Light **WUXGA (FHD+) (1920 x 1200)** › IPS, 500nit, Low Power, 100% sRGB, 60Hz, Anti-Glare, X-Rite FCC, TÜV Eyesafe Low Blue Light

1 Dual RAM channel required
2 Memory spec frequency listed; system support frequency may vary by configuration
* Weight to be finalized

Lenovo Mobile Workstations

	ThinkPad P16s *i*	ThinkPad P16s	ThinkPad P14s *i*	ThinkPad P14s
	Intel	AMD	Intel	AMD
	Performance and Power On-the-Go	**Performance at the Speed of Life**	**Compact Power for Creative Minds**	**Lenovo's Lightest AI-Ready Mobile Workstation**
Processor	**Intel Core Ultra (Series 3) H-Series processors** › up to 16 cores › up to 5.1GHz	**AMD Ryzen™ AI 9 HX Pro 400 Series processors** › up to 12 cores › up to 5.2GHz	**Intel Core Ultra (Series 3) H-Series processors** › up to 16 cores › up to 5.1GHz	**AMD Ryzen™ AI 9 HX Pro 400 Series processors** › up to 12 cores › up to 5.2GHz
Graphics	Processor Integrated: **Intel Graphics** Discrete: **NVIDIA RTX PRO 500, 1000, 2000 Blackwell**	Processor Integrated: **AMD Radeon 840M, 860M, 890M** based on the AMD RDNA 3.5 Architecture + AMD PRO Graphics Driver Discrete: **NVIDIA RTX PRO 500, 1000, 2000 Blackwell**	Processor Integrated: **Intel Arc Pro B390** Discrete: **NVIDIA RTX PRO 500, 1000 Blackwell**	Processor Integrated: **AMD Radeon 840M, 860M, 890M** based on the AMD RDNA 3.5 Architecture + AMD PRO Graphics Driver
Memory Support	Up to **96GB LPDDR5x 8533MT/s**[2] › 1 Slot › 16GB / 32GB / 64GB / 96GB	Up to **96GB LPDDR5x 8533MT/s** › 1 Slot › 16GB / 32GB / 64GB / 96GB	Up to **96GB LPDDR5x 8533MT/s**[2] › 1 Slot › 16GB / 32GB / 64GB / 96GB	Up to **96GB DDR5 5600MT/s** › 2 SoDIMM Slots › 16GB / 32GB / 64GB / 96GB
Max Storage	Up to **4TB PCIe Gen5 NVMe SSD**	Up to **4TB PCIe Gen5 NVMe SSD**	Up to **2TB PCIe Gen5 NVMe SSD**	Up to **2TB NVMe PCIe Gen5 SSD**
Power Supply	**100W, 140W USB-C** › Rapid Charge	**100W, 140W USB-C** › Rapid Charge	**100W Slim AC Adapter Type-C** › Rapid Charge	**65W, 100W USB-C** › Rapid Charge
Battery	**60WHr or 90WHr**	**60WHr** or **90WHr**	**60WHr** or **75WHr**	**60WHr** or **75WHr**
Weight Thinness	Starting at: **3.94lbs** (1.79kg) Front **0.45"** (11.45mm) Rear **0.71"** (18.15mm)	Starting at: **3.86lbs** (1.75kg) Front: **0.45"** (11.45mm) Rear: **0.71"** (18.15mm)	Starting at: **3.59lbs** (1.63kg) Front **0.46"** (11.7mm) Rear **0.63"** (16.22mm)	Starting at: **2.84lbs** (1.29kg) Front: **0.62"** (15.93mm) Rear: **0.47"** (12.1mm)
Display	**16" 16:10 Display** **2.8K (2880 x 1800)** › OLED, 500nit, 100% DCI-P3, 120Hz, Anti-Glare, Dolby Vision, HDR 1000 True Black, X-Rite Factory Color Calibration, Eyesafe **WUXGA (FHD+) (1920 x 1200)** › IPS Touch, 500nit, Low Power, 60Hz, 100% sRGB, Anti-Glare, Adaptive ICC Profile, Eyesafe › IPS 400nit, 45% NTSC, 60Hz, Anti-Glare, Adaptive ICC Profile, Eyesafe	**16" 16:10 Display** **2.8K (2880 x 1800)** › OLED, 500nit, 100% DCI-P3, 120Hz, Anti-Glare, Dolby Vision®, HDR 1000 True Black, X-Rite Factory Color Calibration, Eyesafe **WUXGA (FHD+) (1920 x 1200)** › IPS Touch, 500nit, Low Power, 60Hz, 100% sRGB, Anti-Glare, Adaptive ICC Profile, Eyesafe › IPS 400nit, 45% NTSC, 60Hz, Anti-Glare, Adaptive ICC Profile	**14.5" 16:10 Display** **3K (3072 x 1920)** › IPS, 500nit, 100% DCI-P3, 120Hz, Anti-Glare, Timing Controller Color Calibration, Eyesafe **WUXGA (FHD+) (1920 x 1200)** › Touch, IPS, 400nit, 45% NTSC, 60Hz, Anti-Glare, Adaptive ICC Profile, Eyesafe › IPS 400nit, 45% NTSC, 60Hz, Anti-Glare, Adaptive ICC Profile, Eyesafe	**14" 16:10 Display** **2.8K OLED (2880 x 1800)** › OLED, 500nit, 100% DCI-P3, 120Hz, HDR 500 True Black, Anti-Glare, X-Rite Factory Color Calibration, Eyesafe **WUXGA (FHD+) (1920 x 1200)** › IPS Touch, 500nit, Low Power, 100% sRGB, 60Hz, Anti-Glare, Advanced Internal Color Calibration Profile, Eyesafe › IPS Touch, Privacy Guard, 500nit, 100% sRGB, 60Hz, Anti-Glare, Eyesafe › IPS 400nit, 45% CG, 60Hz, Anti-Glare, Advanced Internal Color Calibration Profile

1 Dual RAM channel required
2 Memory spec frequency listed; system support frequency may vary by configuration
3 Available with AMD Ryzen AI 7 PRO 350 and Ryzen AI 5 PRO 340 processors only

Lenovo Workstations

Powered by Intel, AMD, and NVIDIA

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