# **Lenovo Workstations**

ThinkStation P Series and ThinkPad P Series

Push the limits of productivity, creativity, and innovation



**ThinkStation** 

Lenovo ThinkPac

# **Why Lenovo**

Lenovo focuses on power, performance, and industry-leading reliability in every ThinkStation and ThinkPad we design. By combining the absolute top-of-theline 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.

Discover Lenovo's most powerful Al-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™ 6000 Ada Generation GPUs, this workstation goes beyond the limits of desktop performance to power even the most extreme workloads. The ThinkStation PX was designed to support Al workloads and meticulously engineered from the ground up to tackle next generation Al, 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 Al-Ready Workstation



### **Key Features**



#### Processor

Dual 5<sup>th</sup> Gen Intel® Xeon® Scalable up to 128 cores (64 per CPU), up to 4.1GHz per CPU



#### **Graphics**

Up to 3x NVIDIA A800 40GB Active or Up to 4x NVIDIA RTX™ 6000 Ada Generation



#### Memory

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



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



#### torage

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



# Accessibility Front drive access and tool-less accessibility

- Configuration dependent; NVIDIA RTX™ 6000 Ada Generation
- GPUs available in select countries

  \*\* Max speed dependent on configuration
- \*\*\* Depending on drive configuration

The bold ThinkStation P8 is a force to be reckoned with and brings together breakthrough compute architecture with an optimized thermal design in a versatile, Aston Martin inspired chassis. The ThinkStation P8 is the leading AMD Ryzen™ Threadripper™ PRO 7000 WX-Series processor powered workstation delivering gamechanging power and speed with the largest core count professional workstation up to 96 cores and 5.3GHz.

Perfect for those who demand more power for multithreaded applications and purpose built with speed and configurability you crave this revolutionary designed, accelerated power workstation, offers PCIe® Gen5 for increased storage speed and expandable memory, as well as unmatched NVIDIA® and AMD graphics support for design and creativity to meet designers time to market needs. 10GB of built in ethernet integrated Wi-Fi antenna.

### Revolutionary Design, Accelerated Power



### **Key Features**



Processor

AMD Ryzen<sup>™</sup> Threadripper<sup>™</sup> PRO 7000 WX-Series processors (up to 96 cores, up to 5.3GHz)



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



#### Graphics

Choice of NVIDIA®, NVIDIA RTX™, or AMD Radeon™ PRO; up to 4 graphics cards per system\*



#### Storage

Up to 52TB Internal Storage with up to 9 Total Drives\*



Memory

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



Ethernet
Standard 1 Gigabit and 10 Gigabit

<sup>\*</sup> Depending on drive configuration; extra hardware may be required

<sup>\*\* 1</sup>TB available depending on configuration

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 PCle Gen 5 connectivity, and high-speed DDR5 memory—all in a single-socket platform. Combined with the power of up to three NVIDIA RTX™ 6000 Ada Generation 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)



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



Graphics
Up to 3 NVIDIA RTX™ 6000 Ada
Generation\*



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



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



Ethernet
Standard 1 Gigabit and 10 Gigabit

- NVIDIA RTX™ 6000 Ada Generation GPUs available in select countries
- \*\* 4800MT/s max speed; available depending on configuration
- \*\*\* Depending on drive configuration; additional hardware may be required

Engineered for ultimate versatility, the Lenovo ThinkStation P5 is the all-around industry workhorse for professionals that demand scalable, future-proof solutions. Featuring an all-new Aston Martin inspired chassis design, the latest Intel® Xeon® W-2500 processors. The P5 delivers up to 26 cores and support for up to two NVIDIA RTX™ 6000 Ada Generation graphics cards, you can rely on the P5 to pack enough punch for any workflow, even in mission-critical environments. Optimized for designers, engineers, and creatives alike, this workstation can support a broad range of compute-intensive tasks with ease, including BIM, complex 3D CAD, VFX, and edge deployments. Improve your productivity with high-speed DDR5 memory and ultra-fast PCIe Gen 5 bandwidth. And with convenient front access, hot-swap storage and an array of highperformance configurations available, enjoy the flexibility of customizing your P5 to tackle the workload needs of today, knowing you can easily upgrade for the everincreasing datasets of tomorrow. Lenovo Workstations excel, delivering high-performing and secure desktop computing solutions to efficiently revolutionize customer Al workflows.

# The Future-proof Industry Workhorse



### **Key Features**



Processor

Intel® Xeon® W-2500 processor (up to 26 cores, up to 4.8GHz)



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



**Graphics** 

Up to 2 NVIDIA RTX™ 6000 Ada Generation\*



#### Storage

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



Memory
Up to 512GB DDR5 4800MT/s ECC"



Accessibility
Front drive access and tool-less accessibility

- NVIDIA RTX™ 6000 Ada Generation GPUs available in select countries
- \*\* 4800MT/s max speed; available depending on configuration
- \*\*\* Depending on drive configuration; additional hardware may be required

The ThinkStation P620 was the first AMD Ryzen™ Threadripper™ PRO powered workstation, delivering game-changing power and speed with the largest core count in a professional workstation: up to 64 cores and 4.5GHz. Perfect for those who demand more power for multi-threaded applications, the P620 combines Lenovo's legendary reliability, experience and customer-driven innovation with professional manageability and enterprise-class support.

Purpose built with the speed and configurability you crave, this powerhouse workstation offers PCle® Gen4 for increased storage speed and expandable memory, as well as unmatched NVIDIA® graphics support, and 10Gb of built-in ethernet—a new standard in connectivity.

# Game Changing Power, Reliability and Speed



### **Key Features**



Processor

AMD Ryzen<sup>™</sup> Threadripper<sup>™</sup> PRO (up to 64 cores; up to 4.5GHz) processors





**Graphics** 

Up to NVIDIA RTX<sup>™</sup> 6000 Ada Generation<sup>\*</sup> or Up to 2 NVIDIA RTX<sup>™</sup> A6000<sup>\*</sup>



Storage

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



emory

Up to 512GB DDR4 3200MT/s ECC



Thermals
Air Cooled Thermals

<sup>\*</sup> NVIDIA RTX™ 6000 Ada Generation and NVIDIA RTX A6000 GPUs available in select countries

<sup>\*\*</sup> Depending on drive configuration; additional hardware may be required

# **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 Al-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 Max-Q Workstation Edition<sup>+</sup> graphics—delivering over 3,500 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**



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



Up to 256GB+ DDR5, 6400MT/s\*



**Graphics** 

Up to NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition<sup>+</sup> 96GB GDDR7 Memory



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



CPU Package: up to 36 TOPS GPU: up to 3511 TOPS

Total: up to 3547 TOPS



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

- + Available Q3 2025
- 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™ 4000 Ada Generation graphics, this system packs an unimaginable level of power and Al-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, PCle 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



Up to 16TB M.2 PCIe NVMe Performance SSDs



Graphics
Up to NVIDIA RTX™ 4000 Ada

Up to NVIDIA RTX™ 4000 Ad Generation graphics



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



Display
Support for up to 11 independent displays\*\*\*



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 Al-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, WiFi 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



128GB DDR5 6400MT/s\*



Graphics
Up to NVIDIA RTX A1000
8GB VRAM



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



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



Display
Up to six independent
4K displays\*\*

<sup>\*</sup> Memory spec transfer rate listed; system support transfer rate may vary by configuration
\*\* Available with Discrete Graphics Only

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™ 2000 Ada Generation graphics, 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



Storage

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



Graphics

Up to 2 NVIDIA RTX™ 2000 Ada Generation graphics



Memory

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



CPU Package: up to 36 TOPS GPU (2): up to 384 TOPS Total: up to 420 TOPS



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

<sup>\*\*</sup> Memory spec frequency listed; system support frequency may vary by configuration

# **ThinkPad P16**

The Lenovo ThinkPad P16 is a power-packed mobile workstation built for the ultimate professional user. Designed for those who demand the highest level of power and performance while on-the-go, the ThinkPad P16 featuring up to Intel® Core™ i9 HX-series processors, and unmatched graphics with support for up to NVIDIA RTX™ 5000 Ada Generation mobile GPU. The P16 powerhouse is built to handle the fastest PCle® Gen 4 storage technologies, provides greater memory capacity, full connectivity, and features a 16-inch 16:10 display—all while being certified to run demanding ISV applications without missing a beat. Allowing users to do more and go farther with no sacrifice, the ThinkPad P16 has the best of everything in a 16-inch standout, modernized design.



### **Key Features**



Processor
Intel vPro® Platform featuring
Intel® Core™ processors



Storage
Up to 8TB M.2 PCIe Gen4 NVMe
Performance SSDs



Graphics
Up to NVIDIA RTX™ 5000 Ada
Generation mobile GPU



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



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Multiple 16" 16:10 Screen Options Including UHD+ OLED Touch with HDR500 True Black, Dolby Vision™, and X-Rite FCC



#### Camera

Up to FHD + IR Camera with ThinkPad Webcam Privacy Shutter and Human Presence Detection

<sup>\*</sup> Memory spec frequency listed; system support frequency may vary by configuration

# ThinkPad P1

The ThinkPad P1 is Lenovo's AI Ready mobile workstation which offers unmatched power and performance from the latest Intel vPro®, Intel® Evo™ Edition featuring Intel® Core™ Ultra processors, integrated Neural Processing Unit (NPU) and featuring up to NVIDIA RTX™ 3000 Ada Generation mobile GPU. With the combination of the CPU, NPU & GPU, Lenovo mobile workstations will inevitably out-perform in all your complex AI workflows.

Properly planning your generative AI workflows is key, and making sure you allocate the right hardware is hyper critical. At each stage of your workflow, making sure you're leveraging the most powerful technology will assist and improve time to productivity. Lenovo's ultra sleek, new aluminum sustainable design, best-inclass performance mobile workstation for those machine learning workloads, and on-the-go flexibility to work anywhere at any time. With a liquid metal thermal design on select configurations, this ISV certified P1 provides advanced cooling performance and long-term reliability for those critical workflows boasting a 16-inch panel with a 16:10 aspect ratio, narrow bezel, and the option to include an OLED touch screen. The P1 is a content creator, data scientist, game developer and CAD application specialist's dream. Designed with the modern hybrid worker in mind, the P1 offers low blue light displays, Dolby Vision<sup>®</sup> and color calibration for crisp, clear images, creating the perfect combination of power, ultra-premium design, and true mobility.



### **Key Features**



Intel® Core™ Ultra processors with Intel vPro®



Memory
Up to 64GB LPDDR5x 7467MT/s\*



#### Graphics

Up to NVIDIA RTX™ 3000 Ada Generation or NVIDIA® GeForce® RTX 4070 mobile GPUs



#### Storage

Up to 8TB M.2 PCle® Gen4 NVMe Performance SSDs



#### Display

Multiple 16" 16:10 Screen Options Including UHD+ OLED Touch with HDR400, Dolby Vision, and X-Rite FCC



#### ΑI

Integrated Neural Processing Unit (NPU) for Artificial Intelligence (AI) tasks.

# ThinkPad P16v i

Built for power users who require the flexibility of working anywhere at any time, the Lenovo ThinkPad P16v *i* takes everything in stride, closing the gap in price and performance between entry-level and high-end workstations. Packed with the latest Intel® Core™ Ultra processors featuring Intel vPro®, integrated Neural Processing Unit (NPU) for Artificial Intelligence (AI) tasks and NVIDIA RTX™ professional GPUs for more complex AI workflows. Workstations excel with performance, agility, cost efficiency and are packed with power to analyze data in real-time. Supporting up to NVIDIA RTX™ 3000 Ada Generation mobile GPU in a chassis featuring a 16-inch 16:10 display, this workstation delivers a fast and visually stunning representation of your work.

With the combination of the CPU, NPU & GPU, Lenovo mobile workstations will inevitably out-perform in all your Al workflows.

The P16v i is ISV certified and features advanced cooling with a dual thermal outflow in the rear of the system, ensuring any power user can push out maximum performance for large workloads and multitask with ease. Built with robust ThinkShield security features, an integrated fingerprint reader, and MIL-SPEC tested for ultimate reliability, this ruggedly secure system is ideal for architects, higher education, software developers, and beyond.



### **Key Features**



Processor
Intel® Core™ Ultra processors
with Intel vPro®



Memory
Up to 96GB DDR5 5600MT/s<sup>\*</sup>



Graphics
Up to NVIDIA RTX™ 3000 Ada
Generation mobile GPU



Up to 4TB M.2 PCIe® Gen4 NVMe Performance SSDs



Display
Multiple 16" 16:10 Screen Options
Including UHD+ with HDR400, Dolby
Vision™, and X-Rite FCC



Integrated Neural Processing Unit (NPU) for Artificial Intelligence (AI) tasks.

# ThinkPad P16v AMD

Built for creators who demand more value, the Lenovo ThinkPad P16v takes everything in stride, closing the gap in price and performance between entry-level and high-end workstations. Packing the latest AMD processors and up to NVIDIA RTX™ 2000 Ada Generation mobile GPU in an all-new chassis featuring a 16-inch 16:10 display, this workstation delivers a fast and visually stunning representation of your work. And with Ultra Performance Mode, a user-controlled performance boost that gives you the highest level of power and performance, you can tap into the full potential of your P16v.

The P16v is ISV certified and features advanced cooling with a dual thermal outflow in the rear of the system, ensuring any power user can push out maximum performance for large workloads and multitask with ease. Built with robust ThinkShield Security features, an integrated fingerprint reader, and MIL-SPEC tested for ultimate reliability, this ruggedly secure system is ideal for higher education, software developers, and beyond.



### **Key Features**



Processor

AMD Ryzen™ PRO 7000 Series processors



Memory
Up to 64GB DDR5 5600MT/s\*



Graphics
Up to NVIDIA RTX™ 2000 Ada
Generation mobile GPU



Up to 4TB M.2 PCIe® Gen4 NVMe Performance SSDs



Display
Multiple 16" 16:10 Screen Options
Including UHD+ Display with HDR400,
Dolby Vision™, and X-Rite FCC



Advanced Configuration
User Controlled Ultra
Performance Mode

<sup>\*</sup> Memory spec frequency listed; system support frequency may vary by configuration

# ThinkPad P16s i

The Lenovo ThinkPad P16s *i* provides a perfect mix of reliable performance, sustainability, and power on-thego, packed in a thin and light 16-inch chassis. The P16s i is Artificial Intelligence (AI) ready with Intel vPro® featuring the latest Intel® Core™ Ultra processors, integrated Neural Processing Unit (NPU) processors for AI tasks and NVIDIA RTX™ professional GPUs for more complex AI workflows. Supporting up to NVIDIA RTX™ 500 Ada Generation mobile GPU, and high-speed DDR5 memory, the ISV certified P16s *i* was built to move with its users and keep up with them when running AutoCAD®, Revit®, SOLIDWORKS®, and more.

With the combination of the CPU, NPU & GPU, Lenovo mobile workstations will inevitably out-perform in all your AI workflows.

Designed with enhanced usability including a 5MB RGB-IR camera, fingerprint reader, full numeric keypad, wider touchpad, and all-day battery capacity, the P16s i is the ideal solution for engineers, architects, and students, whether collaborating in the office, on a job site, and beyond.



### **Key Features**



Processor
Intel® Core™ Ultra processors
with Intel vPro®



Multiple 16" 16:10 Screen Options Including OLED with X-Rite FCC



Graphics
Up to NVIDIA RTX™ 500 Ada
Generation mobile GPU



Memory
Up to 96GB 5600MT/s DDR5



Storage
Up to 2TB PCIe® Gen4 NVMe SSDs

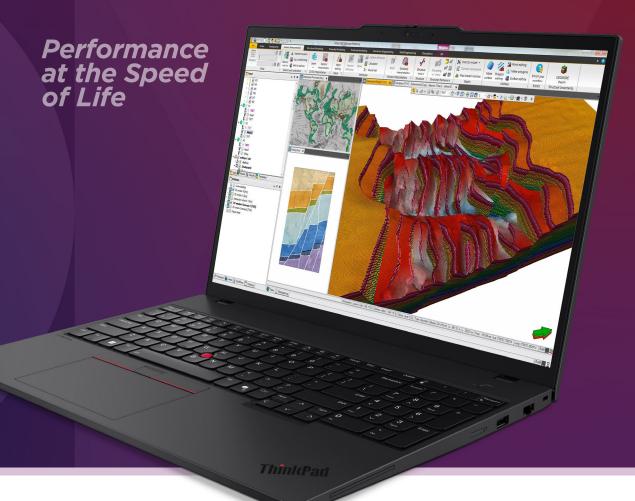


Integrated Neural Processing Unit (NPU) for Artificial Intelligence (AI) tasks.

# ThinkPad P16s AMD

The Lenovo ThinkPad P16s AMD provides the perfect blend of premium power and portability with a stunning 16-inch 16:10 display. Optimized for the next generation of AI experiences, the P16s features the latest AMD Ryzen™ AI PRO 300 Series processors, delivering 50+ TOPS. With this Copilot+ PC, completely transform your workflow with integrated AI tools that will boost productivity and speed up everyday tasks. The P16s also offers the conveniences of a full numeric keypad, Wi-Fi 7 connectivity, an optional OLED touchscreen, and all-day battery capacity in a lightweight design—perfect for on-the-go professionals that need to keep projects moving.

The ThinkPad P16s is ready to tackle the workloads of engineers, architects, artists, and students as projects evolve and become more complex. Powered by AMD "Zen 5" technology and integrated graphics built on the all-new AMD RDNA™ 3.5 architecture, this ISV-certified workstation enables seamless multitasking for mission-critical applications, including AutoCAD®, Revit®, and SOLIDWORKS®. And with service-friendly access drives and simple upgrade options, the P16s provides exceptional value and reliability for enterprises across any industry.



### **Key Features**



Processor
Up to AMD Ryzen™ AI 9
HX PRO 370 processors



Display
Multiple 16" 16:10 Screen Options
Including WQUXGA OLED with
X-Rite FCC\*



Graphics

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



Memory
Up to 96GB DDR5 5600MT/s



NPU: 50 TOPS Total: up to 82 TOPS

with AMD XDNA™ 2 Architecture



Keyboard Numeric Keypad

# ThinkPad P14s i

The Lenovo ThinkPad P14s *i*, our thinnest and lightest mobile workstation, offering the ultimate in configurability, expandability and premium on-the-go performance. All in a 14.5-inch chassis with an optimized 16:10 display the P14s *i* is Artificial Intelligence (AI) ready. Built with Intel® vPro® featuring the latest Intel® Core™ Ultra processors, integrated Neural Processing Unit (NPU) for AI tasks and NVIDIA RTX™ professional GPUs for more complex AI workflows. Supporting up to NVIDIA RTX™ 500 Ada Generation mobile GPU, the P14s *i* is ISV certified, powering applications such as AutoCAD®, Revit® and SOLIDWORKS® without missing a beat. With the combination of the CPU, NPU & GPU, Lenovo mobile workstations will inevitably out-perform in all your AI workflows.

Perfect for highly mobile power users with an advanced suite of ThinkShield security features comprehensive MIL-SPEC testing for ultimate durability, the P14s *i* provides value to professionals, educators, and students alike, giving the ability to innovate freely wherever life takes you.



### **Key Features**



Processor
Intel® Core™ Ultra processors
with Intel vPro®



Memory
Up to 96GB 5600MT/s DDR5\*



Graphics
Up to NVIDIA RTX™ 500 Ada
Generation mobile GPU



Storage
Up to 2TB PCle® Gen4
NVMe SSDs



Display
Multiple 14.5" 16:10 Screen Options
Including 3K OLED



Integrated Neural Processing Unit (NPU) for Artificial Intelligence (AI) tasks.

# ThinkPad P14s AMD

The Lenovo ThinkPad P14s AMD, our thinnest and lightest mobile workstation, offers premium performance in a sleek, ultra-portable 14-inch design. Step into the future with AMD Ryzen™ AI PRO 300 Series processors, delivering 50+ TOPS to support the most advanced AI features and applications in your workflow. One of our first Copilot+ enabled mobile workstations, 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 graphics built on the all-new AMD RDNA<sup>™</sup> 3.5 architecture, the P14s provides enhanced performance for complex engineering and creative workloads without compromising battery life. Featuring a unified memory architecture for faster processing speeds, reduced power consumption, and flexible memory allocation, this ISV-certified workstation enables seamless multitasking even when running the most demanding applications. And with simplified maintenance and upgrade options, the ThinkPad P14s can easily adapt as workflows evolve and resource needs change. Engineers, architects, educators, and students alike can innovate freely and unplugged without missing a beat.



### **Key Features**



Processor
Up to AMD Ryzen™ AI 9
HX PRO 370 processors



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 PCle® Gen4 NVMe



NPU: 50 TOPS Total: up to 82 TOPS

with AMD XDNA™ 2 Architecture

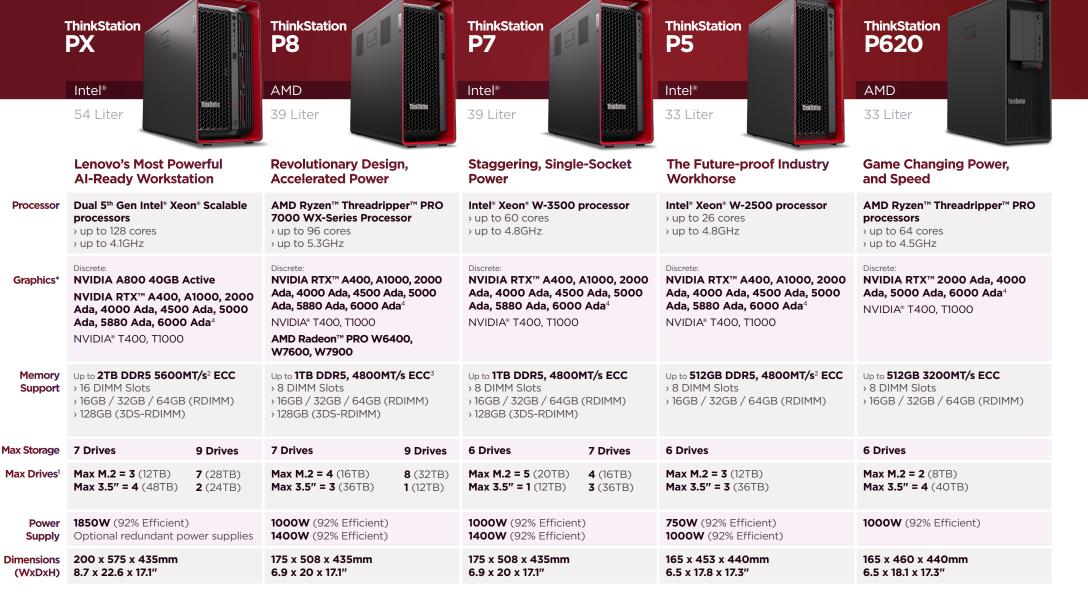


Weight

Thin & Light Starting at 3.06lbs (1.39kg) and 0.43" (10.9mm)\* thin

\* 0.43" (10.9mm) Front / 0.64" (16.13mm) Real

# **Lenovo Desktop Workstations**



<sup>1</sup> Depending on drive configuration; additional hardware may be required

<sup>2</sup> Max speed dependent on configuration

<sup>3 1</sup>TB available depending on configuration

<sup>4</sup> NVIDIA RTX™ A6000 6000 Ada Generation GPLIs available in select countries

<sup>\*</sup> NVIDIA NVLink is supported on select GPUs; some configurations are customer installable only.

# **Lenovo Desktop Workstations**

**ThinkStation P3** Tower

Intel®

27 Liter



ThinkStation P3 Ultra SFF

Intel®

3.9 Liter



**ThinkStation** 

Intel®

11 iter



**ThinkStation P2** 

Intel

17 Liter



**Engineered by Engineers** for Engineers

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

oup to 24 cores pup to 5.7GHz

Integrated: Intel Graphics Graphics'

> RTX Pro 2000, 4000, 4500, 5000 Blackwell, 6000 Blackwell Max-Q+

NVIDIA RTX A400, A1000, 2000 Ada,

4000 Ada, 5000 Ada

The Evolution of Small

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

yup to 24 cores pup to 5.7GHz

Integrated: Intel Graphics

NVIDIA RTX A1000, A2000, 2000 Ada. 4000 SFF Ada

NVIDIA T400. T1000

The World's Smallest Workstation

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

yup to 24 cores pup to 5.6GHz

Integrated: Intel Graphics

Discrete:

**NVIDIA RTX A1000 NVIDIA T400, T1000** 

**Uncompromising Performance,** Unbeatable Value

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

oup to 24 cores pup to 5.7GHz

Integrated: Intel Graphics

NVIDIA RTX A400, A1000, 2000 Ada

Memory Support

Processor

Up to 256GB DDR5 6400MT/s<sup>2</sup>

→ 4 DIMM Slots(UDIMM/CUDIMM)

> 8GB / 16GB / 32GB / 48GB Non-ECC UDIMM

> 16GB / 32GB / 48GB ECC UDIMM

**500W, 750W, 1100W** (92% efficient)

> 64GB Non-ECC CUDIMM

Max M.2 =  $4 (16TB)^3$ 

Max 3.5'' = 3 (36TB)

Max 2.5'' = 3 (23TB) or

Up to 128GB DDR5 6400MT/s2

- > 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/s2

- > 2 DIMM Slots (CSODIMM / SODIMM)
- > 8GB / 16GB / 32GB / 48GB / 64GB non-ECC **CSODIMM**
- > 8GB / 16GB / 32GB / 48GB ECC SODIMM

170W, 230W, 300W, 330W (90% Efficient)

Up to 128GB DDR5, 5600MT/s2

- → 4 DIMM Slots (UDIMM)
- > 8GB / 16GB / 32GB non-ECC UDIMM
- → 16GB / 32GB ECC UDIMM

Max **Drives** 

Max Storage<sup>1</sup>

**Power** Supply 6 Drives 4 Drives

2 (8TB)3

4 (30TB) or 4 (48TB)

Max M.2 = 4 (16TB)

Max M.2 = 3 (6TB)

3 Drives

 $Max M.2 = 4 (16TB)^4$ Max 3.5" = 2 (8TB)

6 Drives

**500W**, **750W** (92% efficient)

170 x 315.4 x 376mm 6.7 x 12.4 x 14.8"

7 Drives

3.4 x 8.7 x 7.9"

170W Slim, 230W, 330W (90% efficient) 87 x 223 x 202mm

37 x 182.9 x 179mm 1.5 x 7.2 x 7"

**Dimensions** 180 x 370 x 415mm (WxDxH) 7.09 x 14.57 x 16.34"

<sup>+</sup> Available Q3 2025

<sup>1</sup> Any combination of storage to equal Maximum Storage Drives

<sup>2</sup> Memory spec transfer rate listed; system support transfer rate may vary by configuration

<sup>3</sup> Additional M.2 or Add-in-Card PCIe® SSD drives can be installed via rear PCIe® adapters

<sup>4</sup> Optional M.2 Add In Card (up to 1x2TB) adds additional storage

<sup>\*</sup> NVIDIA NVLink is supported on select GPUs; some configurations are customer installable only.

### **Lenovo Mobile Workstations**

**ThinkPad P16** 

Intel®



**ThinkPad P**1

Intel®



**ThinkPad** P16v *i* 

Intel®



**ThinkPad P16v** 

**AMD** 

**Next Level Power and Performance** 

Intel® Core™ HX-Series processors (14th Gen) Intel vPro® Platform featuring Intel® Core™ HX-processors (13th Gen)

yup to 24 cores oup to 5.6GHz

The Power You Need, the

**Machine You Want** 

Intel® Core™ Ultra processors with Intel vPro®

> up to 16 cores pup to 5.1GHz

**Mobile Workstation Packed** with Performance

Intel® Core™ Ultra processors with Intel vPro®

> up to 16 cores pup to 5.1GHz

**Accessible Power** 

AMD Ryzen™ PRO 7000 Series processors

oup to 8 cores pup to 5.2GHz

Graphics

**Processor** 

Processor Integrated: Intel® UHD 730, 770

Discrete:

NVIDIA RTX™ A1000, 1000 Ada, 2000 Ada, 3500 Ada, 4000 Ada, 5000 Ada

Intel® Arc™ Pro A30M

Processor Integrated:

Intel® ARC™1

NVIDIA RTX™ 1000 Ada, 2000 Ada, 3000 Ada

NVIDIA® GeForce® RTX 4060, 4070

Processor Integrated: Intel® ARC™

Discrete:

NVIDIA RTX™ 500 Ada, 1000 Ada, 2000 Ada, 3000 Ada

NVIDIA RTX™ A500, A1000, 2000 Ada

Processor Integrated:

AMD Radeon™ 700M

based on the AMD RDNA™ 3 Architecture + AMD PRO Graphics Driver

Memory Support Up to 192GB non-ECC (128GB ECC) DDR5 5600MT/s<sup>2</sup>

> 4 SoDIMM Slots

> 8GB / 16GB / 32GB / 48GB non-ECC

> 16GB / 32GB ECC

Up to 64GB LPDDR5X 7467MT/s1

> LPCAMM2 (Customer Replaceable)

> 16GB / 32GB / 64GB

Up to 96GB DDR5 5600MT/s2

> 2 SoDIMM Slots

> 8GB / 16GB / 32GB / 48GB

Up to 64GB DDR5 5600MT/s<sup>2</sup>

> 2 SoDIMM Slots

> 8GB / 16GB / 32GB

Storage

Up to 8TB M.2 PCIe® Gen4 NVMe **Performance SSD** 

**Power** Supply

170W Slim, 230W Slim

> Rapid Charge

Up to 8TB M.2 PCIe Gen4 NVMe **Performance SSD** 

90WHr. Customer Replaceable

135W Slim, 170W Slim

> Rapid Charge

Up to 4TB PCIe Gen4 NVMe **Performance SSD** 

135W Slim, 170W Slim

> Rapid Charge

> Rapid Charge

**Battery** 

Weight

94WHr

Starting at:

Thinness 6.5lbs (2.95kg) 1.2" (30.23mm)

Display

16" 16:10 Display

WQUXGA (UHD+) (3840x2400)

> OLED Touch, 400nit, 100% DCI-P3, HDR500 True Black, Dolby Vision®, X-Rite FCC, Anti-Reflective/ Anti-Smudge, Low Blue Light, TÜV Eyesafe®

> IPS, 800nit, 100% DCI-P3, HDR400, Dolby Vision. X-Rite FCC, Anti-Glare, Low Blue Light, TÜV Eyesafe

WQXGA (QHD+) (2560 x 1600)

> IPS, 500nit, 100% sRGB, 165Hz, X-Rite FCC, Anti-Glare, Low Blue Light TÜV Eyesafe

WUXGA (FHD+) (1920 x 1200)

> IPS, 400nit, 100% sRGB, X-Rite FCC, Anti-Glare, Low Blue Light, TÜV Eyesafe

Starting at:

4.03lbs (1.82kg)

**0.67"** (17.05mm) 16" 16:10 Display

WQUXGA (UHD+) (3840x2400)

> OLED Touch, 400nit, 100% DCI-P3, HDR400.

Dolby Vision, X-Rite FCC, Anti-Reflective/Anti-Smudge, Low Blue Light, TÜV Eyesafe

WQXGA (QHD+) (2560 x 1600)

> IPS, 500nit, 100% sRGB, 165Hz, X-Rite FCC, Anti-Glare, Low Blue Light

WUXGA (FHD+) (1920 x 1200)

> IPS, 400nit, 100% sRGB, X-Rite FCC, Anti-Glare, Low Blue Light

90WHr

Starting at: 4.90lbs (2.22kg)

**0.97"** (24.66mm)

16" 16:10 Display

WQUXGA (UHD+) (3840x2400) > IPS, 800nit, 100% DCI-P3, HDR400, Dolby Vision.

X-Rite FCC, Anti-Glare, Low Blue Light, TÜV Evesafe

WUXGA (FHD+) (1920 x 1200)

> IPS, 400nit, 100% sRGB, Anti-Glare, Low Blue

> IPS Touch, 300nit, 45% NTSC, Anti-Glare, Low Blue Light, TÜV Eyesafe

> IPS, 300nit, 45% NTSC, Anti-Glare

Up to 4TB PCIe Gen4 NVMe **Performance SSD** 

135W Slim, 170W Slim

90WHr

Starting at:

4.85lbs (2.20kg) **0.97"** (24.66mm)

16" 16:10 Display WQUXGA (UHD+) (3840x2400)

> IPS. 800nit, 100% DCI-P3, HDR400, Dolby Vision. X-Rite FCC, Anti-Glare, Low Blue Light, TÜV Eyesafe

WUXGA (FHD+) (1920 x 1200)

> IPS. 300nit. 100% sRGB. Anti-Glare. Low Blue Light

> IPS Touch, 300nit, 45% NTSC, Anti-Glare, Low Blue Light

> IPS, 300nit, 45% NTSC, Anti-Glare

<sup>1</sup> Dual RAM channel required

<sup>2</sup> Memory spec frequency listed; system support frequency may vary by configuration

### Lenovo Mobile Workstations\*

ThinkPad P16s i

Intel®



ThinkPad P16s

AMD



ThinkPad P14s i

Intel®



ThinkPad P14s

**AMD** 



# Performance and Power On-the-Go

Processor Intel® Core™ Ultra processors with Intel vPro®
> up to 16 cores

yup to 5.1GHz

Processor Integrated:

Graphics Intel® Graphics, Intel® Arc™

Discrete:

NVIDIA RTX™ 500 Ada

Memory Up to 96GB DDR5 5600MT/s<sup>2</sup> Support > 2 SoDIMM Slots

> 2 SoDIMM Slots > 16GB / 32GB / 48GB

Max Storage Up to 2TB PCIe Gen4 NVMe SSD

Power 100W Slim, 135W AC Adapter Type-C Supply > Rapid Charge

Battery 57WHr or 75WHr

Weight 4.01lbs (
Thinness 0.83" (2'

**4.01lbs** (1.82kg) **0.83"** (21.13mm)

Display 16" 16:10 Display WQUXGA (UHD+) (3840x2400)

> OLED, 400nit, 100% DCI-P3, Anti-Glare, X-Rite FCC, Anti-Reflective/Anti- Smudge, Dolby Vision™, Low Blue Light, TÜV Eyesafe

WUXGA (FHD+) (1920 x 1200)

> IPS, Touch, 300nit, 45% NTSC, Anti-Glare, Low Blue Light, TÜV Eyesafe

> IPS, 300nit, 45% NTSC, Anti-Glare

Performance at the Speed of Life

AMD Ryzen™ AI PRO 300 Series processors

ores up to 5.1GHz

Processor Integrated:

AMD Radeon™ 840M. 860M. 890M

based on the AMD RDNA™ 3.5 Architecture + AMD PRO Graphics Driver

Up to 96GB DDR5 5600MT/s

2 Soldered Down
 8GB<sup>3</sup> / 16GB<sup>3</sup> / 32GB / 48GB

Up to 2TB PCIe Gen4 NVMe SSD

65W, 100W USB-C

> Rapid Charge

52.5WHr or 86WHr

Starting at: **3.77lbs** (1.71kg)

Front: **0.47"** (11.8mm) Rear: **0.71"** (18.14mm)

16" 16:10 Display

**WQUXGA (UHD+) (3840x2400)**> OLED. Add On Film Touch. 400nit. 100% DCI-P3.

OLED, Add On Film Touch, 400nit, 100% DCI-P3, X-Rite FCC, Anti-Glare/Anti-Reflective, Low Blue Light, TÜV Eyesafe<sup>3</sup>

WUXGA (FHD+) (1920 x 1200)

> IPS, 500nit, 100% sRGB, ICC Template color calibration, Anti-Glare, Low Blue Light, TÜV Eyesafe

> IPS, Touch, 400nit, 45% CG, Anti-Glare, 3M Dual Brightness Enhancement Film 5<sup>3</sup>

> IPS, 400nit, 45% CG, Anti-Glare, 3M Dual Brightness Enhancement Film 5<sup>3</sup> Ultra Performance That Moves With You

Intel® Core™ Ultra processors with Intel vPro®

> up to 16 cores > up to 5.1GHz

Processor Integrated:

Intel® Graphics, Intel® Arc™

Discrete

NVIDIA RTX™ 500 Ada

Up to 96GB DDR5 5600MT/s<sup>2</sup>

> 2 SoDIMM Slots
> 16GB / 32GB / 48GB

Up to 2TB PCIe Gen4 NVMe SSD

100W Slim, 135W AC Adapter Type-C

> Rapid Charge

57WHr or 75WHr

Starting at:

**3.55lbs** (1.61kg) **0.73"** (18.50mm)

14.5" 16:10 Display 3K (3072x1920)

> IPS 400nit, 100% DCI P3, Timing CC, Anti-Glare, Low Blue Light, TÜV Eyesafe

**WQXGA (2560 x 1600)** 

> IPS, 350nit, 100% sRGB, Add On Film Touch, Anti-Glare, Low Blue Light, TÜV Eyesafe

> IPS, 350nit, 100% sRGB, X-Rite FCC, Anti-Glare, Low Blue Light, TÜV Eyesafe

WUXGA (FHD+) (1920 x 1200)

> IPS, 300nit, 45% NTSC, Anti-Glare, Low Blue Light, TÜV Eyesafe

Lenovo's Lightest Al-Ready Mobile Workstation

AMD Ryzen™ AI PRO 300 Series processors

o up to 12 cores

op to 5.1GHz

Processor Integrated:

AMD Radeon™ 840M, 860M, 890M

based on the AMD RDNA™ 3.5 Architecture + AMD PRO Graphics Driver

Up to 96GB DDR5 5600MT/s

> 2 SoDIMM Slots

> 8GB3 / 16GB3 / 32GB / 48GB

Up to 2TB NVMe PCIe Gen4 SSD

65W USB-C

> Rapid Charge

**52.5WHr** or **57WHr** 

Starting at:

**3.06lbs** (1.39kg)

Front: **0.43"** (10.90mm)

Rear: **0.64"** (16.13mm)

14" 16:10 Display 2.8K OLED (2880 x 1800)

> Add On Film Touch, 500nit, 100% DCI-P3, X-Rite FCC, Anti-Glare/ Anti-Reflective, Low Blue Light, TÜV Eyesafe\*3

WUXGA (FHD+) (1920 x 1200)

> IPS, Touch, 500nit, Privacy Guard, 100% sRGB, Anti-Glare<sup>3</sup>

> IPS, 500nit, 100% sRGB, ICC Template color calibration, Anti-Glare, Low Blue Light, TÜV Evesafe

> IPS, Touch, 400nit, 45% CG, Anti-Glare, 3M Dual Brightness Enhancement Film 5<sup>3</sup>

> IPS, 400nit, 45% CG, Anti-Glare, 3M Dual Brightness Enhancement Film 5<sup>3</sup>

<sup>1</sup> Dual RAM channel required

<sup>2</sup> Memory spec frequency listed; system support frequency may vary by configuration

<sup>3</sup> Available with AMD Ryzen AI 7 PRO 350 and Ryzen AI 5 PRO 340 processors only

# **Lenovo Workstations**

Powered by Intel®, AMD, and NVIDIA®

#### Lenovo

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