

ThinkPad P16s Gen 3

Powered by the advanced Intel® H Series Core™ Ultra 9 Processor with up to 16 cores, this workstation significantly boosts productivity, when handling complex datasets, developing cutting-edge applications, and conducting intensive research. The integrated Intel® Arc™ GPU ensures lightning-fast performance, delivering high-quality graphics for video editing, 3D rendering, and simulations. With support for up to four independent displays via HDMI and Thunderbolt ports, this device enhances efficiency by allowing professionals to keep different applications and documents open on separate screens, minimizing the need to switch between windows.



Elevate Professional Endeavors with Powerhouse Workstations

Designed for business users who tackle compute-intensive workflows. With professional-grade graphics and powerful, multi-core processors, Lenovo sets the standard for mobile workstations and ensures best-in-class reliability even when you're away from the office.

Equipped with up to 96GB DDR5-5600 memory, this workstation excels at handling resource-intensive software such as data analysis tools, virtual machines, and graphic design programs. Moreover, up to 2TB SSD storage improves boot times, application load times, and overall system responsiveness, ensuring a smooth and efficient user experience.

This device powered by Intel® H Series Core™ Ultra 9 Processor offers outstanding performance, making it ideal for users handling large datasets, machine learning algorithms, memory-intensive applications, and AI workloads.

Featuring integrated Intel® Arc™ Graphics, this device excels at handling high-resolution HDR videos and provides enhanced performance for applications like Adobe Creative Suite and Autodesk. As a result, gamers, graphic designers, animators, and video editors can enjoy visually stunning games, seamlessly work on graphic-intensive content, and effortlessly power through complex applications.

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Lenovo Services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



Accessories

Thinkpad Essential 16" Topload (Eco)



- A generous padded 16" compartment to safely store and transport your notebook. Everything an on-the-go pro needs.
- Hitch to your suitcase when traveling via the back panel strap. Soft-padded carry handles.
- Classic black nylon exterior, grey interior lining, and sprinkling of red accents.

PN: 4X41C12469

Lenovo Go Wireless Vertical Mouse



- 6-button mouse including 2 programmable side buttons and an IR sensor
- True Ergonomic vertical design with a 45-degree vertical grip made from treated cork material
- 800, 1600, 2400 adjustable DPI and 2.4 GHz wireless dongle connection

PN: 4Y51C33792

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Performance

Processor
Intel H Series Core Ultra 5 / 7 / 9 Processor

AI PC Category*
AI-Ready Workstations

Operating System*
Windows 11 Pro
Windows 11 Home
Windows 11 Home Single Language
Ubuntu Linux LTS
Red Hat Enterprise Linux (certified only)

NPU*
Integrated Intel AI Boost, up to 11 TOPS

Graphics
Intel Arc Graphics eligible (integrated)
NVIDIA RTX 500 Ada Generation Laptop GPU

Memory
Up to 96GB DDR5-5600, 2x SODIMM

Storage
Up to 1x 2TB M.2 2280 PCIe NVMe SSD

Audio*
High Definition (HD) Audio
Dolby Audio speakers
Dual-microphone array, far-field, Dolby Voice

Camera*
5.0MP + IR, with privacy shutter and optional Ultrasonic Human Presence Detection, temporal noise reduction
5.0MP with privacy shutter, temporal noise reduction

Battery
57Wh or 75Wh battery, Rapid Charge

Power Adapter*
100W / 135W USB-C adapter, PD3.0

Design

Display
16" WUXGA (1920x1200) IPS Anti-glare 16:10
- 300nits, 45% NTSC
- 300nits, 45% NTSC, TÜV Low Blue Light, Eyesafe, touch
16" WQUXGA (3840x2400) OLED ARAS 16:10
- 400nits, 100% DCI-P3, DisplayHDR True Black 500, Dolby Vision, TÜV Low Blue Light, Eyesafe, X-Rite factory color calibration

Keyboard
6-row, spill-resistant, numeric keypad, backlight

Touchpad
TrackPoint and glass-like Mylar surface TrackPad
67.6 x 115 mm (2.66 x 4.53 inches)

Dimensions
361.5 x 248.6 x 21.125 mm (14.23 x 9.79 x 0.83 inches)

Weight
Starting at 1.82 kg (4.01 lbs)

Color
Black

Case material
Aluminium (top), aluminium (bottom)

Connectivity

Ethernet*
Gigabit onboard Ethernet

WLAN + Bluetooth*
Intel Wi-Fi 6E AX211, 802.11ax 2x2 Wi-Fi + Bluetooth 5.3

WWAN*
4G LTE CAT16 with embedded eSIM
WWAN upgradable to 4G

Ports
1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
2x USB-C (Thunderbolt 4 / USB4 40Gbps), with USB PD 3.0 and DP 2.1
1x HDMI 2.1, up to 4K/60Hz
1x Headphone / microphone combo jack (3.5mm)
1x Ethernet (RJ-45)
1x Security keyhole
1x Smart card reader*
1x Nano-SIM card slot (WWAN support models)*

Docking
Docking support via Thunderbolt / USB-C

Security & Privacy

Security
Discrete TPM 2.0
Kensington Nano Security Slot
Smart card reader*
Touch style MOC fingerprint reader
Camera privacy shutter
IR camera for Windows Hello (facial recognition)*
Ultrasonic Human Presence Detection*

Manageability

System Management*
Intel vPro Enterprise*

Environmental

Material
85% PCC recycled plastic used in key caps
98% PCC recycled plastic used in speaker enclosure
97% PCC recycled plastic used in the battery
90% PCC recycled plastic used in 100W and 135W adapters

Certifications

Green Certifications
ENERGY STAR 8.0
EPEAT Gold Registered
TCO Certified 9.0
RoHS compliant

Other Certifications
Eyesafe Certified 2.0*
TÜV Rheinland Low Blue Light*
MIL-STD-810H

Items with * are optional and only available on selected models. Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. © 2026 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.