

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.



Professional machines for advanced users

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.

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..



Return To Depot Repair Warranty

- No-hassle repair process at a Lenovo service center
- Lenovo pays for all shipping between the customer and service facility
- Avoid unplanned operational expense with a simple annual fee

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 USB-C Universal Business Dock



- Features a universal USB-C connection that delivers effortless plug-and-play with most USB-C notebooks.
- Has 11+ helpful expansion ports to optimize your workspace and workflow.
- Enjoy lightning-quick data transfers, dual 4K monitors, and rapid charging for notebooks up to 65W.

PN: 40B30090xx

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Performance

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

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

NPU
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 SO-DIMM

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

[1]The storage capacity supported is based on the test results with current Lenovo storage offerings.

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
5.0MP with privacy shutter

Battery [2]
57Wh or 75Wh battery, Rapid Charge

[2]Battery life claims are approximate maximum. Actual result will vary depending on many factors and the maximum battery capacity will decrease with time and use.

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

Design

Display [3]
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

[3]IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

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 [4]
361.5 x 248.6 x 21.125 mm (14.23 x 9.79 x 0.83 inches)

[4]The system dimensions may vary depending on configurations.

Weight [5]
Starting at 1.82 kg (4.01 lbs)

[5]The system weight is approximate and may vary depending on configurations

Color
Black

Case material
Aluminium (top), aluminium (bottom)

Connectivity

Ethernet
Gigabit onboard Ethernet

WLAN + Bluetooth* [6] [7]
Intel Wi-Fi 6E AX211, 802.11ax 2x2 Wi-Fi + Bluetooth 5.3

[6]Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

[7]Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

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 or 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*

Certifications

Green Certifications [8] [9] [10]
ENERGY STAR 8.0
EPEAT Gold Registered
TCO Certified 9.0
RoHS compliant

[8]The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

[9]EPEAT registration and ENERGY STAR certification are dependent on system OS.

[10]EPEAT is registered where applicable, please see epeat.net for registration status by country.

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. © 2024 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.