

ThinkPad P16 Gen 3

Designed for advanced business professionals, this Intel®-powered workstation combines cutting-edge performance in a sleek, durable design. Equipped with the latest Intel® HX Series Core Ultra 5 / 7 / 9 Processor (Series 2), it delivers exceptional multi-core performance for demanding workloads. Supporting up to 192GB of high-speed SO-DIMM DDR5-5600 memory, the system ensures seamless multitasking and accelerated data processing. Encased in a premium aluminum chassis with a refined top and bottom finish, the new design offers both durability and a professional aesthetic.



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.

The 16" Tandem OLED display with optional 3.2K resolution and a stunning 100,000:1 contrast ratio delivers ultra-crisp visuals, lifelike colors, and deep blacks, ideal for professionals working with design, data visualization, or high-impact presentations. Paired with the optional Lenovo® Yoga® Pen, it enables seamless sketching and note-taking, while the optional Add-on Film Touch provides enhanced interactivity for a responsive touch experience.

The discrete NVIDIA® RTX PRO 1000, 2000, 3000, 4000, and 5000 Blackwell Generation GPUs accelerate parallel processing tasks, enabling faster calculations and smoother handling of massive datasets. These GPUs enhance performance in applications like R, Python, SAS, and MATLAB by offloading computations from the CPU, reducing wait times for modeling, forecasting, and simulations.

Configured with up to three M.2 2280 Gen 5 performance SSDs with up to 12TB (4TB each), ensures ultra-fast data transfer rates, enabling seamless multitasking, delivering smoother performance, quicker rendering, and future-proof efficiency, ideal for creative professionals.

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

Lenovo Go Wireless Numeric Keypad

- 21-key numeric keypad with industry-leading scissor switch keys
- Minimalist design with ultra slim profile at 13 mm with dedicated productivity keys (Calculator, Tab, Equal, Esc keys)
- Rechargeable , up to 3 months use in single charge (may vary based on usage)



PN: 4Y41C33791, GY41C33979

Lenovo Go Wireless Multi-Device Mouse

- Compact ambidextrous design, programmable Utility Button on the side, default functions optimized for Teams calls
- Connects to up to 3 devices via 1x USB-C dongle, 2x Bluetooth 5.0; quick switch button to jump control across devices
- Comes with a blue optical sensor that tracks on most surfaces and wireless Qi or wired USB-C fast-chargeable battery



PN: 4Y51C21217

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Performance

Processor

Intel HX Series Core Ultra 5 / 7 / 9 Processor (Series 2)

AI PC Category*

AI-Ready Workstations

Operating System*

Windows 11 Pro
Windows 11 Home
Windows 11 Home Single Language
Fedora Linux
Ubuntu Linux
Red Hat Enterprise Linux (certified only)

NPU

Integrated Intel AI Boost, up to 13 TOPS

Graphics

NVIDIA RTX PRO 1000 Blackwell Generation Laptop GPU
NVIDIA RTX PRO 2000 Blackwell Generation Laptop GPU
NVIDIA RTX PRO 3000 Blackwell Generation Laptop GPU
NVIDIA RTX PRO 4000 Blackwell Generation Laptop GPU
NVIDIA RTX PRO 5000 Blackwell Generation Laptop GPU

Chipset

Intel WM880 chipset

Memory

Up to 192GB DDR5 Non-ECC or 128GB DDR5 ECC, 4x SO-DIMM

Storage^{1 1}

Up to three M.2 2280 Gen 5 Performance SSD; up to 12TB, 4TB each

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

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Audio*

High Definition (HD) Audio
Stereo speakers, 2W x2, Dolby Atmos
Dual-microphone array, far-field, Dolby Voice

Camera*

5.0MP + IR with privacy shutter and Computer Vision Human Presence Detection on Image Signal Processor (ISP), temporal noise reduction 5.0MP with privacy shutter, temporal noise reduction

Battery^{2 2}

99.9Wh battery, Rapid Charge

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

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Power Adapter*

180W USB-C GaN AC adapter, PD 3.1

Design

Display^{3 3}

16" WUXGA (1920x1200) IPS Anti-glare
- 500nits, 100% sRGB, 60Hz, Low Power, Eyesafe, TÜV Low Blue Light
16" WQUXGA (3840x2400) IPS Anti-glare
- 800nits, 100% DCI-P3, 60Hz, DisplayHDR 400, Dolby Vision, Eyesafe, TÜV Low Blue Light
16" 3.2K (3200x2000) Tandem OLED AGARAS
- 600nits, 100% DCI-P3, 40-120Hz, DisplayHDR 600, Dolby Vision, Eyesafe, TÜV Low Blue Light, Touch

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

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Keyboard

6-row, spill-resistant, numeric keypad, Copilot key, backlight

Touchpad

TrackPoint and Mylar surface TrackPad
67 x 115 mm (2.64 x 4.53 inches)

Dimensions^{4 4}

362 x 252 x 15.8 / 20.9 (front / rear), 29.8 (maximum) mm
14.25 x 9.92 x 0.62 / 0.82 (front / rear), 1.17 (maximum) inches

⁴The system dimensions may vary depending on configurations.

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Weight^{5 5}

Starting at 2.54 kg (5.6 lbs)

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

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Color

Black

Case material

Aluminium (top), aluminium (bottom)

Connectivity

Ethernet*

Onboard 2.5GbE

WLAN + Bluetooth*^{6 6}

Intel Wi-Fi 7 BE200, 802.11be 2x2 Wi-Fi + Bluetooth 5.4

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

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WWAN*

5G with embedded eSIM*

NFC

Near Field Communication*

Ports

2x USB-A (USB 10Gbps / USB 3.2 Gen 2) 1x HDMI 2.1, up to 8K/60Hz 1x Headphone / microphone combo jack (3.5mm) 1x SD Express 8.0 card reader 2x Thunderbolt with USB PD 3.1 1x Thunderbolt 4, with USB PD 3.1 1x Ethernet (2.5GbE RJ-45)

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)*
Computer Vision-based User Presence Sensing*

Manageability

System Management*

Intel vPro Enterprise*

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. © 2025 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.