

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 SODIMM

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

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
99.9Wh battery, Rapid Charge

Power Adapter*
180W USB-C GaN adapter, PD 3.1

Design

Display
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

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
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

Weight
Starting at 2.54 kg (5.6 lbs)

Color
Black

Case material
Aluminium (top), aluminium (bottom)

Connectivity

Ethernet*
Onboard 2.5GbE

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

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 5, 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*

Environmental

Material
50% Recycled Aluminum A Cover
90% Recycled Magnesium Aluminum C Cover
55% Recycled Aluminum D Cover
90% PCC Plastic Speaker Enclosure
97% PCC Plastic Battery Pack Enclosure
90% PCC Plastic 180W AC AdapterPlastic free packaging with 90% recycled and/ or FSC certified content (standard/bulk)

Certifications

Green Certifications
ENERGY STAR 9.0
EPEAT Gold Registered
TCO Certified, generation 10
RoHS compliant

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

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