

# 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.



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.

## 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.

## 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

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### 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

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### 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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# ThinkPad P16 Gen 3

## 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<sup>1</sup>

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

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

### 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<sup>2</sup>

99.9Wh battery, Rapid Charge

<sup>2</sup>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\*

180W USB-C GaN adapter, PD 3.1

## Design

### Display<sup>3</sup>

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

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

### 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<sup>4</sup>

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

<sup>4</sup>The system dimensions may vary depending on configurations.

### Weight<sup>5</sup>

Starting at 2.54 kg (5.6 lbs)

<sup>5</sup>The system weight is approximate and may vary depending on configurations

### 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 Adapter  
Plastic free packaging with 90% recycled and/ or FSC certified content (standard/bulk)

## Certifications

### Green Certifications<sup>6 7 8</sup>

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

<sup>6</sup>The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

<sup>7</sup>EPEAT registration and ENERGY STAR certification are optional and only available on the models with preloaded OS.

<sup>8</sup>EPEAT is registered where applicable, please see [epeat.net](https://epeat.net) for registration status by country.

### Other Certifications

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