

ThinkPad P1 Gen 6

Powered by up to 13th Gen H Series Intel Core i9 processor, this device enables data analysts to run multiple applications, handle large datasets and perform complex computations without experiencing performance lag. Configured with up to 96GB DDR5 memory and up to 2x4TB SSD storage allows coders to set up virtual machines and run emulators effectively. With dual Thunderbolt 4 ports transfer large files and code repositories between laptop and external storage devices at high-speed



16" screen with up to WQUXGA resolution enables better visibility of complex code, data tables, and visualizations to data engineers without excessive scrolling or zooming. Additionally, Dolby Atmos and 2W dual speakers provide an immersive audio experience.

Powered by up to 13th Gen H Series Intel Core i9 processor and with up to 96GB DDR5 memory, this laptop enables financial traders to handle large volumes of statistical data and run complex algorithms easily.

16" screen with up to WQUXGA resolution displays realistic and pixelated visuals, ideal for graphic designing.

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..



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

Lenovo Wireless Stereo Headset

- 60-hour music playback with quick-charge convenience
- Intuitive on-ear buttons and flip microphone
- Dual-device pairing with Bluetooth® 5.3 reliability



PN: Part Numbers (PN) Headset: 4XD1Q30302 Earcups: 4XD1M80021

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

ThinkPad P1 Gen 6

Performance

Processor

13th Generation H series Intel Core i7 / i9

Operating System*

Windows 11 Pro
 Windows 11 Home
 Windows 11 Home Single Language
 Windows 11 DG Windows 10 Pro 64
 Fedora Linux
 Ubuntu Linux LTS
 Ubuntu Linux with Data Science Preload
 Red Hat Enterprise Linux (certified only)

Graphics

Intel Iris Xe Graphics eligible (integrated)
 NVIDIA RTX A1000 Laptop GPU
 NVIDIA RTX 2000 Ada Generation Laptop GPU
 NVIDIA RTX 3500 Ada Generation Laptop GPU
 NVIDIA RTX 4000 Ada Generation Laptop GPU
 NVIDIA RTX 5000 Ada Generation Laptop GPU
 NVIDIA GeForce RTX 4060 Laptop GPU
 NVIDIA GeForce RTX 4080 Laptop GPU
 NVIDIA GeForce RTX 4090 Laptop GPU

Memory

Up to 96GB DDR5-5600, 2x SO-DIMM

Storage¹¹

Up to 2x 4TB M.2 2280 PCIe NVMe SSD
 RAID 0/1 support*

¹The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger storage as the technology develops.

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Audio*

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

Camera*

FHD 1080p + IR hybrid, with privacy shutter and Ultrasonic Human Presence Detection
 5.0MP + IR discrete, with privacy shutter and Ultrasonic Human Presence Detection

Battery¹

90Wh battery, Rapid Charge

¹Battery 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*

170W / 230W USB-C adapter, PD3.0

Design

Display^{1 2}

16.0" WUXGA (1920x1200) IPS Anti-glare 16:10
 - 300nits, 100% sRGB, TÜV Low Blue Light, X-Rite Factory Color Calibration
 16.0" WQXGA (2560x1600) IPS Anti-glare 16:10
 - 500nits, 100% sRGB, X-Rite Factory Color Calibration, 165Hz, TÜV Low Blue Light
 16.0" WQUXGA (3840x2400) OLED ARAS 16:10
 - 400nits, 100% DCI-P3, X-Rite Factory Color Calibration, TÜV Low Blue Light, Dolby Vision, DisplayHDR 400, Add On Film Touch

¹IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

²IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Keyboard

6-row, spill-resistant, backlight

Touchpad

TrackPoint and glass surface touchpad
 67.6 x 115 mm (2.66 x 4.53 inches)

Dimensions^{1 3 4}

Starting at 359.5 x 253.8 x 17.3 mm
 (14.15 x 9.99 x 0.68 inches)

¹The system dimensions may vary depending on configurations.

³The system dimensions may vary depending on configurations.

⁴The system dimensions may vary depending on configurations.

Weight^{1 5 6}

Starting at 1.78 kg (3.92 lbs)

¹The system weight is approximate and may vary depending on configurations

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

⁶The system weight is approximate and may vary depending on configurations.

Color

Black, paint
 Black, weave

Case material

CFRP / GFRP (top), aluminium (bottom)

Connectivity

Ethernet*

Ethernet support via optional USB-C to 2.5GbE RJ-45 Dongle

WLAN + Bluetooth*^{1 7 8}

Intel Wi-Fi 6E AX211, 802.11ax, Bluetooth 5.3

¹Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

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

⁸Bluetooth 5.3 operation requires Windows 11.

WWAN*

Up to 4G LTE CAT16 with embedded eSIM*

NFC

Near Field Communication*

Ports

2x Thunderbolt 4 / USB4 40Gbps (data, PD 3.0, DP 1.4)
 1x USB 3.2 Gen 1
 1x USB 3.2 Gen 1 (one Always On)
 1x Headphone / microphone combo jack (3.5mm)
 1x Power connector
 1x SD Express 7.0 card reader
 1x HDMI
 1x 2.5GbE RJ-45*
 1x Nano-SIM card slot*

Docking

Docking support via Thunderbolt or USB-C

Security & Privacy

Security

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

Manageability

System Management*⁹

Intel vPro Enterprise*

⁹Intel vPro offers a superset of DASH's defined capabilities

Environmental

Material

90% PCC recycled plastic used in speaker enclosure
 90% PCC recycled plastic used in the battery
 30% PCC recycled plastic used in 170W power adapter
 0% recycled and/or sustainable packaging
