

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.

Professional machines for advanced users

The ThinkPad P1 Series is an ultraportable workstation; thin and light, yet packed with professional graphics, processing and storage technologies.

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 Portable Aluminum Laptop Stand

The foldable frame easily fits into a backpack of any size.
 18° tilt offers a comfortable viewing position for pain-free productivity.
 Silicone footing protects your device from accidental slips and slides.



PN: 4XF1B03657

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

Storage¹

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.

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 hybrid, with privacy shutter and Ultrasonic Human Presence Detection

Battery

90Wh battery, Rapid Charge

Power Adapter

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

Design

Display²

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

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^{3 4}

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

³The system dimensions may vary depending on configurations.

⁴The system dimensions may vary depending on configurations.

Weight^{5 6}

Starting at 1.78 kg (3.92 lbs)

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^{7 8}

Intel Wi-Fi 6E AX211, 802.11ax, Bluetooth 5.1

⁷Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

⁸Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

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

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

Manageability

Intel vPro Enterprise*

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

Certifications

Green Certifications^{10 11}

EPEAT Gold Registered
 ENERGY STAR 8.0
 TCO Certified 9.0
 RoHS compliant

¹⁰The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

¹¹EPEAT is registered where applicable, please see <https://www.epeat.net> for registration status by country

Other Certifications

TÜV Rheinland Low Blue Light
 MIL-STD-810H