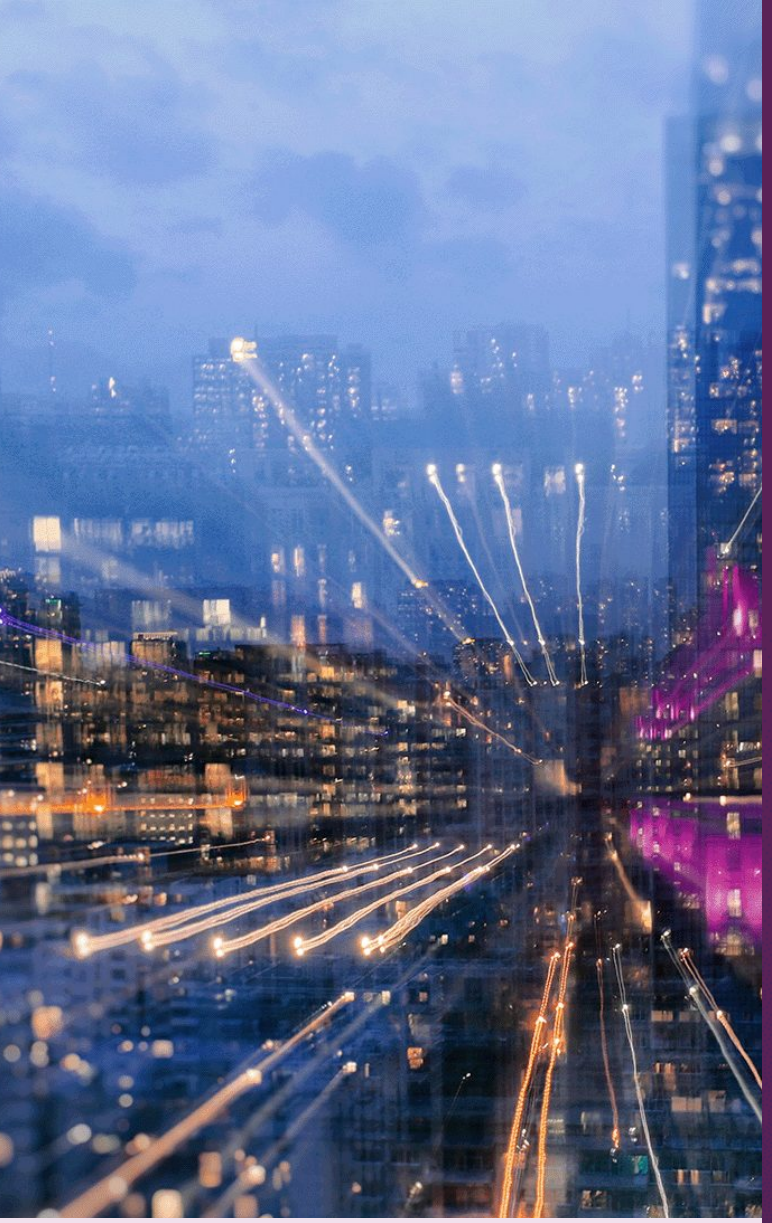

Professional machines for advanced users

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

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.

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

Key Specifications

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)

Display
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

Touchscreen
Optional Add-on Film Touch, supports 10-point touch

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

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

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

Battery†
90Wh battery, Rapid Charge

Power Adapter
One of the following
170W Slim Tip (3-pin)
230W Slim Tip (3-pin)

Camera
One of the following
5.0MP + IR Hybrid with Privacy Shutter and Human Presence Detection
FHD 1080p + IR Hybrid with Privacy Shutter and Human Presence Detection

Keyboard
6-row, spill-resistant, backlight
TrackPoint and glass surface touchpad
67.6 x 115 mm (2.66 x 4.53 inches)

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

Weight
Starting at 1.78 kg (3.92 lbs)

Green Certifications

EPEAT Gold Registered, ENERGY STAR 8.0, TCO Certified 9.0, RoHS compliant

Other Certifications

Mil-Spec Test MIL-STD-810H military test passed, TÜV Rheinland® Low Blue Light

Connectivity

I/O 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, Optional 1x HDMI1x 2.5GbE RJ-45, Optional 1x Nano-SIM card slot

WLAN + Bluetooth
Intel Wi-Fi 6E AX211, 11ax 2x2 + BT5.1

WWAN
Optional

NFC
Optional

Docking
Docking support via Thunderbolt or USB-C

Security & Privacy

Fingerprint Reader
IR Camera with Windows Hello
Discrete TPM 2.0, TCG certified
Kensington Nano Security Slot
Touch style MOC fingerprint reader
Optional Camera privacy shutter
Optional IR camera for Windows Hello
Optional Human Presence Detection

Manageability

Intel vPro Enterprise
Non-vPro

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. †Based on testing with MobileMark 2014. Battery life varies significantly with settings, usage, and other factors. © 2023 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.