

# 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

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 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: 4XFIB03657

### 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

### Storage<sup>1</sup>

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

<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, 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

### Battery

90Wh battery, Rapid Charge

### Power Adapter\*

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

## Design

### Display<sup>2</sup>

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

<sup>2</sup>IPS (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<sup>3 4</sup>

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

<sup>3</sup>The system dimensions may vary depending on configurations.

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

### Weight<sup>5 6</sup>

Starting at 1.78 kg (3.92 lbs)

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

<sup>6</sup>The 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\*<sup>7 8 9</sup>

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

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

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

<sup>9</sup>Bluetooth 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\*<sup>10</sup>

Intel vPro Enterprise\*

<sup>10</sup>Intel vPro offers a superset of DASH's defined capabilities

## Certifications

### Green Certifications<sup>11 12 13</sup>

EPEAT Gold Registered  
 ENERGY STAR 8.0  
 TCO Certified 9.0  
 RoHS compliant

<sup>11</sup>The items listed under the "Green Certifications" section may not only refer to certification but also registration (self-declaration).

<sup>12</sup>EPEAT registration and ENERGY STAR certification are dependent on system OS.

<sup>13</sup>EPEAT is registered where applicable, please see [epeat.net](http://epeat.net) for registration status by country.

### Other Certifications

TÜV Rheinland Low Blue Light (Hardware Solution)  
 MIL-STD-810H