

Lenovo  
**ThinkPad**

**Lenovo ThinkPad P1 Gen 6**  
Simply Spectacular

Lenovo



The Lenovo ThinkPad P1 is the perfect combination of form and function, designed to be admired. Packed with the latest Intel vPro® with 13<sup>th</sup> Gen Intel® Core™ H series processors and support for up to NVIDIA RTX™ 5000 Ada Generation graphics, the P1 is as light as it is powerful.

**Processor:**

**5.4GHz**  
**14 Cores**

Intel vPro with 13<sup>th</sup> Gen Intel  
Core i7, i9 H-Series

**Graphics:**

**NVIDIA RTX**  
**5000 Ada**

Or NVIDIA GeForce RTX 4090

**Memory:**

**96GB**  
**DDR5**

2x SoDIMMs  
5600MHz<sup>1</sup>

**Storage:**

**8TB M.2**  
**PCIe Gen4**

Up to two 4TB NVMe  
Performance SSDs

## Features



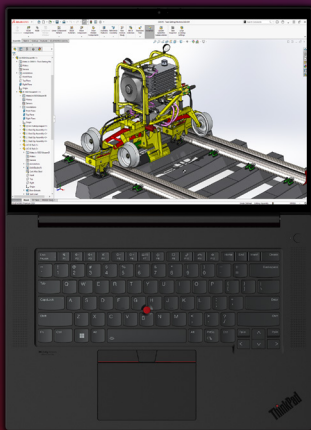
**Sustainable Design**  
Built with sustainable materials and certifications



**16" 16:10 Display**  
Three high quality options to suit your budget including OLED Touch



**Security**  
The latest security features including dTPM 2.0, an embedded chip dedicated to storing encryption keys



**ISV Certifications**  
Certified by many of the leading industry software applications

# Lenovo ThinkPad P1 Gen 6 Product Specifications<sup>^</sup>

## Performance

### Processor

Intel vPro<sup>®</sup> with 13<sup>th</sup> Gen Intel<sup>®</sup> Core<sup>™</sup> i7, i9 H-Series (up to 14 cores, up to 5.4GHz)<sup>^</sup>

### Graphics

Up to NVIDIA RTX<sup>™</sup> 5000 Ada 16GB GDDR6 VRAM or up to NVIDIA<sup>®</sup> GeForce<sup>®</sup> RTX 4090 16GB GDDR6 VRAM

### Total Memory

Up to 96GB DDR5 5600MHz<sup>1</sup>

### Memory DIMM Capacity

8GB / 16GB / 32GB / 48 GB  
2 SoDIMM slots

### Total Storage

Up to 8TB M.2 PCIe Gen4 NVMe Performance SSD

Up to 2 x 4TB drives

### RAID

0/1

### Camera

FHD+IR Hybrid Camera with ThinkPad Webcam Privacy Shutter and Human Presence Detection

5MP+IR Hybrid<sup>2</sup> Camera with ThinkPad Webcam Privacy Shutter and Human Presence Detection

### Battery

90Whr

### Power Supply

170W Slim, 230W Slim

## Design

### Dimensions (WxDxH)

(mm): 359.5 x 253.8 x 17.3  
(inches): 14.1 x 9.6 x 0.68

### Weight

Starting at 1.78kg / 3.92lbs

### Keyboard

ThinkPad Keyboard Backlit, Spill Resistant

## Display

### 16" 16:10 Display

#### WQUXGA (UHD+) (3840x2400)

- OLED Touch, 400nit, 100% DCIP3, Anti-Reflective/Anti-Smudge, HDR400, Dolby Vision, X-Rite FCC, Low Blue Light, TÜV

#### WQXGA (QHD+) (2560 x 1600)

- IPS, 500nit, 100% sRGB, Anti-Glare, 165Hz, X-Rite FCC, Low Blue Light, TÜV

#### WUXGA (FHD+) (1920 x 1200)

- IPS, 300nit, 100% sRGB, Anti-Glare, X-Rite FCC, Low Blue Light, TÜV

## Connectivity

### Ports

(2) USB-A 3.2 Gen 1 (5Gbps)\*, 1 Always On

(2) USB-C Thunderbolt 4

(1) HDMI 2.1<sup>^</sup>

(1) Mic/Headphone Combo Jack

(1) SD Express 7.0 Card Reader

### WLAN

Intel AX211 (2x2ax) Wi-Fi 6E + Bluetooth<sup>™</sup> 5.3 vPro<sup>3,4</sup>

### WWAN

Fibocom L860-GL 4G LTE CAT16 with eSIM<sup>2</sup>

Near Field Communication (NFC)<sup>2</sup>

### Media Card Reader

SD Express 7.0 Card Reader

1 Memory spec frequency listed; system support frequency may vary by configuration

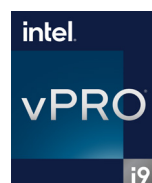
2 Optional

3 Bluetooth 5.3 is hardware ready but may run at a lower version due to OS limitation

4 6GHz channel of Wi-Fi 6E is only available with Windows 11

<sup>^</sup> For a full list of configuration details please visit: <https://psref.lenovo.com>

\* USB port transfer speeds are approximate and depend on many factors, such as processing capability of host/peripheral devices, file attributes, system configuration and operating environments; actual speeds will vary and may be less than expected.



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Smarter  
technology  
for all

## Lenovo Options & Accessories



ThinkVision P32p Display



ThinkPad Workstation Thunderbolt™ 4 Dock



ThinkReality A3 XR1 3G+32G



Scan for system overview, supported components, and technical specifications.

For a full list of accessories and options, please visit: [accsmartfind.lenovo.com](https://accsmartfind.lenovo.com)

For more details on ThinkStation and ThinkPad, please visit: [lenovo.com/workstations](https://lenovo.com/workstations)

Visit us on social media: [#lenovoworkstations](https://twitter.com/lenovoworkstations)



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## Lenovo ThinkPad P1 Gen 6 General Specifications<sup>^</sup>

### Software

#### Operating System

Windows 11 Pro

Windows 11 Home

Windows 10 Pro (preinstalled Through downgrade rights in Windows 11 Pro)

Ubuntu<sup>®</sup> Linux<sup>®1</sup>

Red Hat<sup>®</sup> Enterprise Linux<sup>®</sup> (certified)

Fedora<sup>®</sup> Linux

Debian<sup>®</sup> Linux

#### Windows Preloads

Lenovo Commercial Vantage

#### Additional Features

Ultra Performance Mode

Self Healing BIOS

#### ISV Certifications

Including ArcGIS<sup>®</sup>, AutoCAD<sup>®</sup>, CATIA<sup>®</sup>, Creo<sup>®</sup>, Inventor<sup>®</sup>, Microstation<sup>®</sup>, NX<sup>®</sup>, Solid Edge<sup>®</sup>, SOLIDWORKS<sup>®</sup>, Vectorworks<sup>®</sup>, Petrel<sup>®</sup>, Decision Space<sup>®</sup>, 3dsMax<sup>®</sup>, Maya<sup>®</sup>

For a complete list of ISV certifications visit <https://thinkworkstations.com/>

### Security

#### ThinkShield

dTPM 2.0

Touch Fingerprint Reader

ThinkPad Webcam Privacy Shutter

Kensington Lock Slot

### Sustainability

#### Materials

90% Recycled Magnesium C Cover

55% Recycled Aluminum D Cover

90% PCC Plastic Speaker Enclosure

90% PCC Plastic Battery Pack Enclosure

30% PCC Plastic 170W AC Adapter

Low Temperature Solder<sup>2</sup>

Plastic free packaging with 90% recycled and/or FSC certified content<sup>3,4</sup>

#### Certifications

EPEAT<sup>®5</sup> Gold

ENERGY STAR<sup>®6</sup>

RoHS Compliant

TCO 9.0

## Recommended Services

Lenovo offers a comprehensive portfolio of services to support and protect your ThinkPad investment—so you can focus on your business, not your IT.

#### Premier Support

Bypass phone menus and scripted troubleshooting to access advanced-level technicians with the expertise needed to quickly diagnose and solve problems.

#### Warranty Extensions

##### (1 to 5 years total duration)

This fixed-term, fixed-cost service helps you accurately budget for PC expenses, protect your valuable investment, and potentially lower the cost of ownership over time.

#### Warranty Upgrades—

##### Onsite and Next Business Day

Maximizes PC uptime and productivity by providing convenient, fast repair service the next business day.

1 Select versions available via preload

2 Motherboard, SSD, fingerprint reader module, ClickPad

3 Product packaging shall contain, on average, a minimum total percentage of 90% by weight of any combination of the following materials: Recycled content, biobased plastic, non-wood biobased fiber material, and/or sustainably forested material.

4 Standard / bulk

5 Certification available on select models; EPEAT registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country

6 Certification available on select models

<sup>^</sup> For a full list of configuration details please visit: <https://psref.lenovo.com>



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