

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 13th 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 13th Gen Intel® Core i7, i9 H-Series

Graphics:

NVIDIA RTX
5000 Ada

Or NVIDIA GeForce RTX 4090

Memory:

96GB
DDR5

2x SoDIMMs
5600MHz¹

Storage:

8TB M.2
PCIe Gen4

Up to two 4TB NVMe
Performance SSDs

Features



Sustainable Design

Built with sustainable materials and certifications



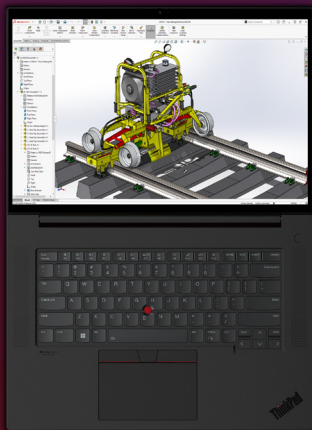
16" 16:10 Display

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[^]

Performance

Processor

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

Graphics

Up to NVIDIA RTX[™] 5000 Ada 16GB GDDR6 VRAM or up to NVIDIA[®] GeForce[®] RTX 4090 16GB GDDR6 VRAM

Total Memory

Up to 96GB DDR5 5600MHz¹

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 Hybrid² 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[^]

(1) Mic/Headphone Combo Jack

(1) SD Express 7.0 Card Reader

WLAN

Intel AX211 (2x2ax) Wi-Fi 6E + Bluetooth[™] 5.3 vPro^{3,4}

WWAN

Fibocom L860-GL 4G LTE CAT16 with eSIM²

Near Field Communication (NFC)²

Media Card Reader

SD Express 7.0 Card Reader

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

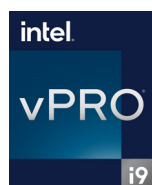
² Optional

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

[^] 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.



Smarter
technology
for all

Lenovo

Lenovo Options & Accessories



ThinkVision P32p Display



ThinkPad Workstation
Thunderbolt™ 4 Dock



ThinkReality A3
XR1 3G+32G

For a full list of accessories and options, please visit:
accsmartfind.lenovo.com

For more details on ThinkStation and ThinkPad, please visit:
lenovo.com/workstations

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



May 2023 ©Lenovo. All rights reserved. Lenovo is not responsible for photographic or typographic errors. Lenovo makes no representation or warranty regarding third-party products or services. LENOVO, ThinkStation, and ThinkPad are trademarks of Lenovo.

Lenovo ThinkPad P1 Gen 6 General Specifications[^]

Software

Operating System

Windows 11 Pro

Windows 11 Home

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

Ubuntu® Linux¹

Red Hat® Enterprise Linux® (certified)

Fedora® Linux

Debian® Linux

Windows Preloads

Lenovo Commercial Vantage

Additional Features

Ultra Performance Mode

Self Healing BIOS

ISV Certifications

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

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 Solder²

Plastic free packaging with 90% recycled and/or FSC certified content^{3,4}

Certifications

EPEAT⁵ Gold

ENERGY STAR⁶

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

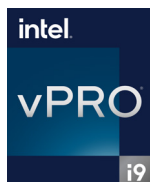
3 Product packaging shall contain, on average, a minimum total percentage of 90% by weight of any combination of the following materials: Recycled content, biobased plastic, non-wood biobased fiber material, and/or sustainably forested material.

4 Standard / bulk

5 Certification available on select models; EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country

6 Certification available on select models

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



NVIDIA is a trademark and/or registered trademark of NVIDIA Corporation in the U.S. and other countries. Intel, Intel vPro, Core, Iris, and Thunderbolt are trademarks of Intel Corporation or its subsidiaries. Linux is the registered trademark of Linus Torvalds in the U.S. and other countries. Ubuntu is a registered trademark of Canonical Ltd. Microsoft and Windows are registered trademarks of Microsoft Corporation. Other company, product, and service names may be trademarks or service marks of others.



Lenovo