

Lenovo  
**ThinkPad**

## Lenovo ThinkPad P16v Gen 1 AMD Accessible Power

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The P16v Gen 1 AMD offers a new, stunning design in a price performance system that closes the gap between entry and high-end mobile workstations and features the latest AMD Ryzen™ PRO 7000 series processor and up to NVIDIA RTX™ 2000 Ada professional graphics providing the perfect balance for mainstream workflows.

#### Processor:

**5.2GHz  
8 Cores**

AMD Ryzen PRO 7000 Series  
(5 PRO, 7 PRO, 9 PRO)

#### Graphics:

**NVIDIA RTX  
2000 Ada**

Choice of discrete or  
integrated graphics

#### Memory:

**64GB  
DDR5**

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

#### Storage:

**4TB M.2  
PCIe Gen4**

Up to two 2TB NVMe  
Performance SSDs

## Features



**New Modernized Design**  
Built with sustainable materials and certifications



**16" 16:10 Display**  
Four high quality options to suit your budget



**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 P16v Gen 1 AMD Product Specifications<sup>^</sup>

### Performance

#### Processor

AMD Ryzen™ PRO 7000 Series (5 PRO, 7 PRO, 9 PRO) (up to 8 cores, up to 5.2GHz)<sup>^</sup>

#### Graphics

Discrete: up to NVIDIA RTX™ 2000 Ada 8GB GDDR6 VRAM

Processor Integrated: AMD Radeon™ 700M, 4GB VRAM, RDNA™ 3 Architecture + AMD PRO Graphics Driver

#### Total Memory

Up to 64GB DDR5 5600MHz<sup>1</sup>

#### Memory DIMM Capacity

8GB / 16GB / 32GB  
2 SoDIMM slots

#### Total Storage

Up to 4TB M.2 PCIe Gen4 NVMe Performance SSD

Up to 2 x 2TB drives

#### RAID

0/1

#### Camera

FHD Camera with ThinkPad Webcam Privacy Shutter

5MP+IR Hybrid Camera with ThinkPad Webcam Privacy Shutter

#### Battery

90WHr

#### Power Supply

135W Slim  
170W Slim

### Design

#### Dimensions (WxDxH)

(mm): 365 x 261.92 x 24.66

(inches): 14.37 x 10.31 x .97

#### Weight

Starting at 2.20kg / 4.85lbs

Maximum 2.37kg / 5.22lbs

#### Keyboard

ThinkPad Keyboard with Numeric Keypad, Backlit, Spill Resistant

### Display

#### 16" 16:10 Display

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

- IPS, 800nit, 100% DCI-P3, Anti-Glare, Low Blue Light, HDR400, Dolby Vision, X-Rite FCC, TÜV, Eyesafe®

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

- IPS, 300nit, 100% sRGB, Anti-Glare, Low Blue Light

- IPS Touch, 300nit, 45% NTSC, Anti-Glare, LCLW

- IPS, 300nit, 45% NTSC, Anti-Glare

### Connectivity

#### Ports

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

(1) USB-C 4.0

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

(1) Mic/Headphone Combo Jack

Optional Smart Card Reader

#### WLAN

Qualcomm NFA725A Wi-Fi 6E + Bluetooth™ 5.3<sup>3,4</sup>

#### WWAN

Fibocom L860-GL-16 4G LTE CAT16 with eSIM<sup>2</sup>

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

#### Media Card Reader

SD Express 7.0 Card Reader<sup>2</sup>

<sup>1</sup> Memory spec frequency listed; system support frequency may vary by configuration

<sup>2</sup> Optional

<sup>3</sup> 6GHz channel of Wi-Fi 6E is only available with Windows 11

<sup>4</sup> Bluetooth 5.3 is hardware ready but may run at a lower version due to OS limitation

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

<sup>\*</sup> 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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## Lenovo Options & Accessories



**ThinkVision P32p Display**



**ThinkPad Workstation Thunderbolt™ 4 Dock**  
PN: 40B00300xx



**Lenovo Professional Wireless Rechargeable Combo**  
PN: 4X31K039xx



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)**

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## Lenovo ThinkPad P16v Gen 1 AMD General Specifications<sup>^</sup>

### Software

#### Operating System

Windows 11 Pro

Windows 11 Home

Windows 11 Pro (preinstalled with Windows 10 Pro Downgrade)

Ubuntu® Linux<sup>4</sup>

Red Hat® Enterprise Linux® (certified)

#### 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  
<http://www.thinkworkstations.com>

### Security

#### ThinkShield

dTPM 2.0

Touch Fingerprint Reader

ThinkPad Webcam Privacy Shutter

Kensington Lock Slot

### Sustainability

#### Materials

90% Recycled Magnesium C Cover

85% PCC Plastic Key Caps on Keyboard

90% PCC Plastic Speaker Enclosure

90% PCC Plastic Battery Pack Enclosure

30% PCC Plastic SIM Tray

30% PCC Plastic 135W Slim AC Adapter

30% PCC Plastic 170W Slim AC Adapter

Low Temperature Solder<sup>2</sup>

Plastic free packaging with 90% recycled and/or FSC certified content (standard/bulk)<sup>3</sup>

#### Certifications

EPEAT®<sup>4</sup> Gold

ENERGY STAR®<sup>5</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, Memory, 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 Certification available on select models

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

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

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