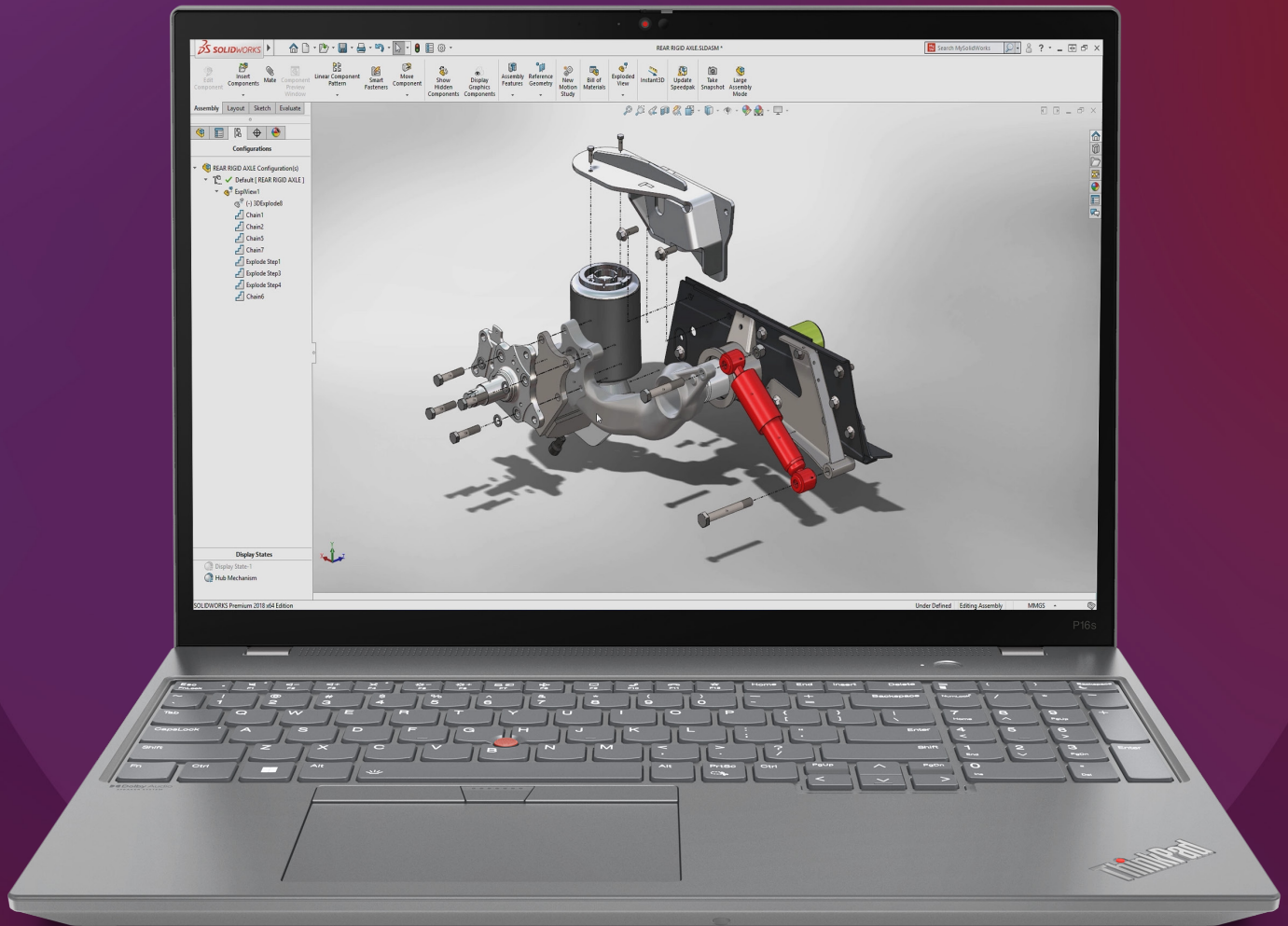


Lenovo  
ThinkPad

## Lenovo ThinkPad P16s / Gen 2

Performance at the Speed of Life

Lenovo



A perfect mix of power, performance, and sustainability in a thin and light 16-inch chassis, the Lenovo ThinkPad P16s / Gen 2 offers the latest Intel vPro® with 13<sup>th</sup> Gen Intel® Core™ processors and NVIDIA® professional graphics, all in a powerful yet portable package. Perfect for work on the go, this ultra-mobile workstation allows engineers, architects, and students to innovate anytime, anywhere.

**Processor:**

**5.2GHz**  
**14 Cores**

Intel vPro with 13<sup>th</sup> Gen  
Intel Core i5, i7

**Graphics:**

**NVIDIA**  
**RTX A500**

Choice of discrete or  
integrated graphics

**Memory:**

**64GB**  
**LPDDR5x**

4800MHz<sup>1</sup> with Discrete  
Graphics

**Storage:**

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

NMVe SSD up to 2TB

## Features



### Modern Design

Built with sustainable materials and certifications and a choice of Thunder Black or Storm Grey chassis



### 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 P16s / Gen 2 Product Specifications<sup>^</sup>

## Performance

### Processor

Intel vPro<sup>®</sup> with 13<sup>th</sup> Gen Intel<sup>®</sup> Core™ i5, i7 (up to 14 cores, up to 5.2GHz)

### Graphics

Discrete: up to NVIDIA RTX™ A500 4GB GDDR6 VRAM

Processor Integrated: Intel Iris Xe<sup>2</sup>

### Total Memory

Up to 64GB LPDDR5x 4800MHz<sup>1</sup> (Discrete Graphics)<sup>^</sup>

Up to 48GB DDR5 5200MHz<sup>1</sup> (Integrated Graphics)<sup>^</sup>

### Memory DIMM Capacity

Integrated Graphics:

SDRAM: 16GB DDR5 5200MHz<sup>1</sup>  
SoDIMM: 8GB / 16GB / 32GB DDR5 5200MHz<sup>1</sup>  
(1 Soldered Down, 1 SoDIMM Slot)

Discrete:

SDRAM Only: 16GB / 32GB / 64GB LPDDR5x 4800MHz<sup>1</sup>  
(2 Soldered Down)

### Total Storage

Up to 2TB NVMe PCIe Gen4 SSD

1 drive

### Camera

HD RGB Camera with ThinkPad Webcam Privacy Shutter

5MP+IR<sup>3</sup> with ThinkPad Webcam Privacy Shutter

FHD Hybrid IR Camera<sup>3</sup> with ThinkPad Webcam Privacy Shutter

### Battery

52.5Whr

86Whr

### Power Supply

65W AC Adapter Type-C

100W AC Adapter Type-C

135W AC Adapter Type-C

## Display

### 16" 16:10 Display

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

- OLED, 400nit, 100% DCI-P3, AG, X-Rite FCC, AGAR, LBL, Eyesafe

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

- IPS, 400nit, 100% sRGB, ICC Template Color Calibration, AG, LBL, Eyesafe

- IPS, Touch, LCLW, 300nit, 45%CG, AG

- IPS, 300nit, 45% CG, AG

## Design

### Dimensions (WxDxH)

(mm): 361.9 x 255.5 x 20.1

(inches): 14.24 x 10.06 x 0.79

### Weight

Starting at 1.70kg / 3.76lbs

### Keyboard

ThinkPad Backlit or non-Backlit with Numeric Keypad

### Color Options

Thunder Black or Storm Grey

## Connectivity

### Ports

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

(2) USB-C<sup>®</sup> Thunderbolt 4

(1) HDMI 2.0b<sup>^</sup>

(1) Mic/Headphone Combo Jack

(1) RJ-45 Gigabit Ethernet

(1) Smart Card Reader<sup>3</sup>

### WLAN

Intel Wi-Fi 6E AX211 (2x2ax) + Bluetooth™ 5.2 vPro<sup>4,5</sup>

### WWAN

FIBOCOM L860-R 4G\_LTE CAT16 with eSIM<sup>2</sup>

Quectel CAT4 EM05 with eSIM<sup>2</sup>

Near Field Communication (NFC)<sup>1</sup>

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

2 Dual RAM channel required

3 Optional

4 Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation

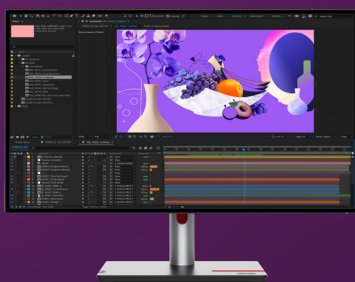
5 6GHz channel of Wi-Fi 6E is only available with Windows 11

<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.



## Lenovo Options & Accessories



ThinkVision P27h-30 Display



ThinkPad Workstation Thunderbolt™ 4 Dock

PN: 40B00300xx



Lenovo Go Wireless ANC Headset

PN: 4XD1C99221

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 P16s / Gen 2 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® Linux<sup>®1</sup>

Red Hat® Enterprise Linux® (certified)

#### Windows Preloads

Lenovo Commercial Vantage

#### Additional Features

Ultra Performance Mode

Self Healing BIOS

#### ISV Certifications

Including AutoCAD®, CATIA®, Creo®, Inventor®, Microstation®, NX®, Solid Edge®, SOLIDWORKS®, Vectorworks®

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

50% Recycled Aluminum A Cover

90% Recycled Magnesium C Cover

85% PCC Plastic in Key Caps, Backlit

70% PCC Plastic in Key Caps, non-Backlit

90% PCC Plastic Speaker Enclosure

90% PCC Plastic Battery Pack Enclosure

90% PCC Plastic Slim 65W AC Adapter

90% PCC Plastic Standard 65W AC Adapter

30% PCC Plastic 100W AC Adapter<sup>2</sup>

90% PCC Plastic Slim 135W AC Adapter

Low Temperature Solder<sup>3</sup>

Plastic free packaging with 90% recycled and/or FSC certified content (standard)<sup>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 90% PPC plastic coming soon

3 Motherboard, memory, SSD, fingerprint reader module, ClickPad

4 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

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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