

## PERFORMANCE

### Processor

Intel® Core™ i9-13900H, 14C (6P + 8E) / 20T, P-core 2.6 / 5.4GHz, E-core 1.9 / 4.1GHz, 24MB

### Graphics

NVIDIA® RTX 2000 Ada Generation 8GB GDDR6

### Chipset

Intel SoC Platform

### Memory

1x 32GB SO-DIMM DDR5-5600 Non-ECC

### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

### Max Memory

Up to 96GB (2x 48GB DDR5 SO-DIMM)

### Storage

1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0

### Storage Support<sup>(9)</sup>

Up to two drives, 2x M.2 SSD

- M.2 2280 SSD up to 4TB, 2TB each

### Storage Slot

Two M.2 2280 PCIe 4.0 x4 slots

### Card Reader

SD 7.0 Card Reader

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

### Speakers

Stereo speakers, 2W x2, Dolby® Audio™ Premium

### Camera

5.0MP + IR Hybrid with Privacy Shutter and Human Presence Detection

### Microphone

2x, Array

### Battery

Integrated 90Wh

### Power Adapter

170W Slim Tip (3-pin)

## DESIGN

### Display<sup>(10)</sup>

16" WUXGA (1920x1200) IPS 300nits Anti-glare, 100% sRGB, TÜV Low Blue Light

### Keyboard

Backlit, German

### Case Color

Thunder Black

### Case Material

PC-ABS (Top), PC-ABS (Bottom)

### Pen

No Support

### Dimensions (WxDxH)<sup>(11)</sup>

365 x 262 x 24.66 mm (14.37 x 10.31 x 0.97 inches)

### Weight<sup>(12)</sup>

Starting at 2.2 kg (4.85 lbs)

## SOFTWARE

### Operating System

Windows® 11 Pro, German

### Bundled Software

Intel Connectivity Performance Suite

## CONNECTIVITY

### Ethernet

No Onboard Ethernet

### WLAN + Bluetooth<sup>(13)(14)</sup>

Intel Wi-Fi® 6E AX211, 11ax 2x2 + BT5.1

### Standard Ports<sup>(15)(16)</sup>

- 2x USB 3.2 Gen 1 (one Always On)
- 2x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD Express 7.0 card reader
- 1x Security keyhole

### Docking

Various docking solutions supported via Thunderbolt or USB-C®.

For more compatible docking solutions, please visit .

[Docking for ThinkPad® P16v Gen 1 \(Intel\)](#)

## SECURITY & PRIVACY

### Security Chip

Discrete TPM 2.0 Enabled

### Fingerprint Reader

Touch Style, Match-on-Chip, Integrated in Power Button

### Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

### Other Security

- Ultrasonic Human Presence Detection for IR camera
- Camera privacy shutter
- Bottom cover tamper detection
- IR camera for Windows® Hello

## MANAGEABILITY

### System Management<sup>(17)(18)</sup>

Intel® vPro® Enterprise

## SERVICE

### Base Warranty

3-year, Courier or Carry-in

### Included Upgrade

CO2 Offset 0.5 ton, 1Y Premier Support from 3Y Depot Windchill bundles (CPN)

## CERTIFICATIONS

### Green Certifications<sup>(19)(20)</sup>

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- TCO Certified 9.0
- RoHS compliant

### Other Certifications

TÜV Rheinland® Low Blue Light

### Mil-Spec Test

MIL-STD-810H military test passed

### ISV Certifications

Please visit [ISV certifications for Lenovo® Workstations](#)

## MODEL

**TopSeller** : Yes **Announce Date** : 2023-06-06

**EAN / UPC / JAN** : 0197528623795 **End of Support** : 2030-01-06

To see more note information, please link to

[https://psref.lenovo.com/Detail/ThinkPad\\_P16v\\_Gen\\_1\\_Intel?M=21FC002LGE](https://psref.lenovo.com/Detail/ThinkPad_P16v_Gen_1_Intel?M=21FC002LGE)

· Lenovo reserves the right to change specifications or other product information without notice.

· Product image on this page is a sample, it may not match the real color of this model

· Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences