

## PERFORMANCE

### Processor

Intel® Core™ Ultra 7 255H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.1GHz, 24MB Intel Smart Cache

### AI PC Category

AI-Ready Workstations

### NPU

Integrated Intel® AI Boost, up to 13 TOPS

### Graphics

NVIDIA® RTX PRO 2000 Blackwell Generation 8GB GDDR7 Laptop GPU

### Chipset

Intel® SoC Platform

### Memory

32GB LPCAMM2 LPDDR5x-7467

### Memory Slots

One LPCAMM2 connector, dual-channel

### Max Memory

Up to 64GB (1x 64GB LPCAMM2), upgradable

### Storage

1TB SSD M.2 2280 PCIe® 5.0x4 Performance NVMe® Opal 2.0

### Storage Slot

Two M.2 2280 PCIe® 4.0 x4 slots

### Max Storage Support<sup>[1]</sup>

Up to two M.2 2280 Gen 5 Performance SSD; up to 8TB, 4TB each

### Card Reader

SD Express 7.0 Card Reader

### Audio Chip

SoundWire®, Cirrus Logic® CS42L43 codec

### Speakers

Stereo speakers, 2W x2, Dolby Atmos®

### Microphone

2x, Array

### Camera

5.0MP + IR with Privacy Shutter and Computer Vision Human Presence Detection on ISP

### Battery

90Wh

### Power Adapter

140W USB-C® GaN (3-pin)

## DESIGN

### Display

16" WUXGA (1920x1200) IPS 500nits Anti-glare, 100% sRGB, 60Hz, Low Power, Eyesafe®, TÜV Low Blue Light

### Screen-to-Body Ratio

91.7% (IPS models)

### Color Calibration

X-Rite® Factory Color Calibration

### Pen

Pen Not Supported

### Keyboard

Backlit, Bulgarian

### Dimensions (WxDxH)<sup>[2]</sup>

354.3 × 241.0 × 9.9 / 15.8 (front / rear), 20.6 (maximum) mm 13.95 x 9.49 x 0.39 / 0.62 (front / rear), 0.81 (maximum) inches

### Weight<sup>[3]</sup>

Starting at 1.84 kg / 4.06 lbs

### Case Color

Black

### Case Material

Aluminium (Top), Aluminium (Bottom)

## SOFTWARE

### Operating System

Windows® 11 Pro, English (US) / English (UK)

### Bundled Software

Lenovo® AI Now + Intel® Connectivity Performance Suite

## CONNECTIVITY

### WLAN + Bluetooth

Intel® Wi-Fi® 7 BE201, 802.11be 2x2 + BT5.4

### WWAN

WWAN Not Supported

### SIM Card

No physical SIM card inbox

### Ethernet

No Onboard Ethernet

### NFC

No NFC

### Standard Ports

- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
- 2x Thunderbolt™ 5, with USB PD 3.1 and DisplayPort™ 2.1, 140W input / 15W output
- 1x Thunderbolt™ 4, with DisplayPort™ 2.1 and USB PD 3.1, 140W input / 15W output
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD Express 7.0 card reader

### Docking

Various docking solutions supported via Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit [Docking for ThinkPad P1 Gen 8](#)

## SECURITY & PRIVACY

### Security Chip

Discrete TPM 2.0 Enabled

### Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

### Smart Card Reader

No Smart Card Reader

### Fingerprint Reader

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

### Other Security

- Bottom cover tamper detection
- Camera privacy shutter
- Computer Vision-based User Presence Sensing on Image Signal Processor (ISP)
- IR camera for Windows® Hello (facial recognition)

## MANAGEABILITY

### System Management

Non-vPro®

## SERVICE

### Base Warranty

3-year, Courier or Carry-in with 1-year Battery

### Included Upgrade

3Y Premier TP WS WHB (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

## ACCESSORIES

## CERTIFICATIONS

### ISV Certifications

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

### Green Certifications

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered
- RoHS compliant
- TCO Certified, generation 10

### Mil-Spec Test

MIL-STD-810H military test passed

### Other Certifications

- Intel® Evo™ Platform
- Eyesafe® Certified 2.0
- TÜV Rheinland® Low Blue Light

## MODEL

TopSeller : Yes EAN / UPC / JAN: 0199272085850

Announce Date: 2025-09-05 End of Support : 2032-04-25

- Please refer to the official [Lenovo store website](#) or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice. To see more note information, please access the [web page](#).

## Premier Support - A direct 24x7x365 line to our most elite technicians.



Advanced technical support, 24x7x365, in more than 100 markets



Technical Account Managers for proactive relationship and escalation management



Comprehensive hardware & OEM software support



Priority on service delivery and repair parts



Single point of contact for simplified end-to-end case management



Lenovo Service Connect Portal for customized reporting and product support

## Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

## Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

## Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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## Recommended Accessories

 Bulgaria



Lenovo Dual-Mode Wireless ANC Headset 6550 (USB-C, Teams) 4XD1S19778



Lenovo 350 Bluetooth Silent Mouse (Fan Edition - Brazil) GY51U71760

Please click [here](#) to view the full list of accessories.

## Recommended Services

BEST

4Y Premier Support for AIPC upgrade from 3Y Premier Support (5WS1U94138)

**Lenovo**

PSREF  
Product Specifications  
Reference