

## PERFORMANCE

### Processor

Intel Core™ Ultra 7 255HX, 20C (8P + 12E) / 20T, Max Turbo up to 5.2GHz, 30MB 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® WM880 Chipset

### Memory

2x 16GB SODIMM DDR5-5600 Non-ECC

### Memory Slots

Four DDR5 SODIMM slots, dual-channel capable

### Max Memory

- Models with ECC memory: Up to 128GB (4x 32GB SODIMM DDR5-5600 ECC)
- Models with Non-ECC memory: Up to 192GB (4x 48GB SODIMM DDR5-5600 Non-ECC)

### Storage

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

### Storage Slot

Three M.2 slots • One M.2 2280 PCIe® 5.0 x4 slot • Two M.2 2280 PCIe® 4.0 x4 slots

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

Up to three M.2 2280 Gen 5 Performance SSD; up to 12TB, 4TB each

### Card Reader

SD Express 8.0 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

99.9Wh

### Power Adapter

180W 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

82%

### Color Calibration

X-Rite® Factory Color Calibration

### Pen

Pen Not Supported

### Keyboard

Backlit, Belgian

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

362 x 252 x 15.8 / 20.9 (front / rear), 29.8 (maximum) mm 14.25 x 9.92 x 0.62 / 0.82 (front / rear), 1.17 (maximum) inches

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

Starting at 2.54 kg (5.6 lbs)

### Case Color

Black

### Case Material

Aluminium (Top), Aluminium (Bottom)

## SOFTWARE

### Operating System

Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

### Bundled Software

Lenovo® AI Now

## CONNECTIVITY

### WLAN + Bluetooth

Intel® Wi-Fi® 7 BE200, 802.11be 2x2 + BT5.4

### WWAN

WWAN Not Supported

### SIM Card

No physical SIM card inbox

### Ethernet

1x 2.5GbE RJ-45

### NFC

No NFC

### Standard Ports

- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 2x Thunderbolt™ 5, with DisplayPort™ 2.1 and USB PD 3.1, 180W input / 15W output
- 1x Thunderbolt™ 4, with DisplayPort™ 2.1 and USB PD 3.1, 180W input / 15W output
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (2.5GbE RJ-45)
- 1x SD Express 8.0 card reader

### Docking

Various docking solutions supported via Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit [Docking for ThinkPad® P16 Gen 3](#)

## 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

- Camera privacy shutter (camera models)
- Computer Vision-based User Presence Sensing on Image Signal Processor (ISP)

## 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

- Eyesafe® Certified 2.0
- TÜV Rheinland® Low Blue Light

## MODEL

TopSeller : Yes

EAN / UPC / JAN: 0199271685891

Announce Date: 2025-09-22

End of Support : 2032-04-09

- 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 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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

## Recommended Accessories



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



Lenovo 350 Bluetooth Silent Mouse (Fan Edition - Argentina) GY51U71763

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

## Recommended Services

BEST	5Y Premier Support for AIPC upgrade from 3Y Premier Support (5WS1U94139)
BETTER	4Y Premier Support for AIPC upgrade from 3Y Premier Support (5WS1U94138)
GOOD	3Y Premier Support Plus for AIPC upgrade from 3Y Premier Support (5WS1U94109)

**Lenovo**

**PSREF**  
Product Specifications  
Reference