



The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- Intel Core Ultra 9 285HX, 24C (8P + 16E) / 24T, Max Turbo up to 5.5GHz, 36MB Intel Smart Cache
- 2x 48GB SODIMM DDR5-5600 Non-ECC
- 2TB SSD M.2 2280 PCIe 5.0x4 Performance NVMe Opal 2.0
- NVIDIA GeForce RTX 5090 24GB GDDR7 Laptop GPU
- Windows 11 Pro, Romanian / English
- Case color - Black
- 3Y Premier TP WS WHB (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

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

- Advanced technical support, 24x7x365, in more than 100 markets
- Comprehensive hardware & OEM software support
- Single point of contact for simplified end-to-end case management
- Technical Account Managers for proactive relationship and escalation management
- Priority on service delivery and repair parts
- 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

**Recommended Accessories** Romania



ThinkPad Thunderbolt 5 Smart Dock 7500 - EU/INA/VIE/ROK  
40BA0265EU



ThinkPad Dual-Mode Wireless ANC Foldable Headset 8550 (Aura Edition) - USB-A,...  
4XD1V23301



ThinkPad Bluetooth Presenter Mouse (Aura Edition)  
4Y51T62792

>> [View More Accessories](#)

**Recommended Services**

**Best**

4Y Premier Support Plus for AIPC upgrade from 3Y Premier Support (5WS1U94110)

**Better**

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

**PERFORMANCE****Processor**

Intel Core™ Ultra 9 285HX, 24C (8P + 16E) / 24T, Max Turbo up to 5.5GHz, 36MB Intel® Smart Cache

**AI PC Category**

AI PC

**NPU**

Integrated Intel® AI Boost, up to 13 TOPS

**Graphics**

NVIDIA GeForce RTX™ 5090 24GB GDDR7 Laptop GPU

**Chipset**

Intel® WM880 Chipset

**Memory<sup>[1]</sup>**

2x 48GB 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**

2TB 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>[2]</sup>**

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

**RAID Preset**

None

**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" WQUXGA (3840x2400) IPS 800nits Anti-glare, 100% DCI-P3, 60Hz, DisplayHDR™ 400, Dolby Vision®, Eyesafe®, TÜV Low Blue Light

**Screen-to-Body Ratio**

82%

**Color Calibration**

X-Rite® Factory Color Calibration

**Pen**

Pen Not Supported

**Keyboard**

Backlit, English (EU)

**Dimensions (WxDxH)<sup>[3]</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>[4]</sup>**

Starting at 2.54 kg (5.6 lbs)

**Case Color**

Black

**Case Material**

Aluminium (Top), Aluminium (Bottom)

**SOFTWARE****Operating System**

Windows® 11 Pro, Romanian / English

**Bundled Software**

Intel® Connectivity Performance Suite + Lenovo® AI Now

**CONNECTIVITY****WLAN + Bluetooth**

Intel® Wi-Fi® 7 BE200, 802.11be 2x2 + BT5.4, vPro®<sup>[5]</sup>

**WWAN**

WWAN Upgradable to 5G

**SIM Card**

No SIM card included (nano-SIM card slot available)

**Ethernet**

1x 2.5GbE RJ-45, vPro®

**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
- 1x Kensington Nano Security Slot™

**Optional Ports (configured)**

- 1x Smart Card Reader
- 1x Nano-SIM Card Slot

**Docking**

Various docking solutions supported via Thunderbolt™ / USB-C®. For more compatible docking solutions, please visit [Docking for ThinkPad® P16 Gen 3 / T16g 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**

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**

Intel® vPro® Enterprise

**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****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:** 0199272882282  
**Announce Date:** 2025-12-26 **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 view full note details, please visit the [web page](#).