



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

- Intel Core Ultra 7 255HX, 20C (8P + 12E) / 20T, Max Turbo up to 5.2GHz, 30MB Intel Smart Cache
- 2x 16GB SODIMM DDR5-5600 Non-ECC
- 1TB SSD M.2 2280 PCIe 5.0x4 Performance NVMe Opal 2.0
- NVIDIA GeForce RTX 5090 24GB GDDR7 Laptop GPU
- Windows 11 Pro, English (US) / English (UK)
- Case color - Black
- 1Y Premier Support Upgrade from 1Y Courier/Carry-in

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 United Kingdom



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



ThinkPad Bluetooth Presenter Mouse (Aura Edition)
4Y51T62792



Lenovo 16" Laptop Everyday Backpack B510
4X41U80414



Lenovo 16-inch Premium Clarity Privacy Filter for ThinkBook 16 Gen 4 (16:10)
4XJ1U03940



ThinkPad Mobile Workstation 180W USB-C GaN Slim AC Adapter-UK
4X21U28839



ThinkPad Rolling Wireless RW350 Sub6 5G WWAN Module for P16 G3
4XC1U10820

>> [View More Accessories](#)

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 PC

NPU

Integrated Intel® AI Boost, up to 13 TOPS

Graphics

NVIDIA GeForce RTX™ 5090 24GB GDDR7 Laptop GPU

Chipset

Intel® WM880 Chipset

Memory^[1]

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^[2]

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

Dimensions (WxDxH)^[3]

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^[4]

Starting at 2.54 kg (5.6 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 + ThinkShield Pro (SentinelOne, Sepio, Cigent) 1-year

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
- 1x Kensington Nano Security Slot™

Docking

Various docking solutions supported via Thunderbolt™ or 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

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**

1-year, Courier or Carry-in

Included Upgrade

1Y Premier Support Upgrade from 1Y Courier/Carry-in

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**: 199273654994

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.
 - California Electronic Waste Recycling Fee In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>
- To see more note information, please access the [web page](#).