



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
- 4x 32GB SODIMM DDR5-5600 Non-ECC
- 4TB SSD M.2 2280 PCIe 5.0x4 Performance NVMe Opal 2.0
- NVIDIA RTX PRO 3000 Blackwell Generation 12GB 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

 Lenovo Dual-Mode Wireless ANC Headset 6550 (USB-C, Teams) 4XD1S19778	 ThinkPad Thunderbolt 5 Smart Dock 7500 - UK/HK/SGP/MYS/SRI 40BA0265UK	 ThinkPad Bluetooth Presenter Mouse (Aura Edition) 4Y51T62792
 Lenovo USB 20Gbps USB-C to USB-C Cable 1.5m 4X91U92143	 Lenovo 16" Clarity Privacy Filter 4XJ1U03940	 Lenovo Yoga Pen - Black 4X81U29637

>> [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-Ready Workstations

NPU

Integrated Intel® AI Boost, up to 13 TOPS

Graphics

NVIDIA® RTX PRO 3000 Blackwell Generation 12GB GDDR7 Laptop GPU

Chipset

Intel® WM880 Chipset

Memory^[1]

4x 32GB 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

4TB 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

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™ / 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

1-year, Courier or Carry-in

Included Upgrade

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

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: 199273008056
Announce Date:	2025-09-06	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 view full note details, please visit the [web page](#).