



PERFORMANCE

Processor
Intel Core™ Ultra 9 285H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.4GHz, 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
64GB LPCAMM2 LPDDR5x-7467

Memory Slots
One LPCAMM2 connector, dual-channel

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

Storage
2TB 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^[1]
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" 3.2K (3200x2000) Tandem OLED 600nits Anti-glare / Anti-reflection / Anti-smudge, 100% DCI-P3, 40-120Hz, DisplayHDR™ 600, Dolby Vision®, Eyesafe®, TÜV Low Blue Light, Touch

Touchscreen

Add-on Film Touch, 10-point Multi-touch

Screen-to-Body Ratio
90.9% (Tandem OLED models)

Color Calibration
X-Rite® Factory Color Calibration

Pen
Pen Upgradable (Purchase Separately)

Keyboard
Backlit, English

Dimensions (WxDxH)^[2]
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^[3]
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 + ThinkShield Pro (SentinelOne, Sepio, Cigent) 1-year

CONNECTIVITY

WLAN + Bluetooth
Intel® Wi-Fi® 7 BE201, 802.11be 2x2 + BT5.4, vPro®^[4]

WWAN
WWAN Not Supported

SIM Card
No physical SIM card inbox

Ethernet
No Onboard Ethernet

NFC
No NFC

Standard Ports

- 1x Kensington Nano Security Slot™
- 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
Intel® vPro® Enterprise

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

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

MODEL

TopSeller	: Yes	EAN / UPC / JAN: 199272426868
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.

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Advanced technical support, 24x7x365, in more than 100 markets. To see more note information, please access the [web page](#).



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

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Recommended Accessories

 Denmark



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



Lenovo Professional Wireless Rechargeable Combo Keyboard and Mouse-Nordic 4X31R64357



Lenovo 4K Pro Webcam 4XC1Q25246

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



PSREF
Product Specifications
Reference