



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 PC

NPU
Integrated Intel® AI Boost, up to 13 TOPS

Graphics
NVIDIA GeForce RTX™ 5070 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
Intel® Connectivity Performance Suite + Lenovo® AI Now + 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® T1g 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

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:** 199272427988
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.

· 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](#).

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

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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.

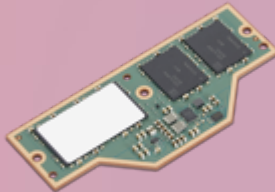
Warranty Extensions & Upgrades - Service and protection that’s right for your circumstances.

- Pick Up & Return Courier
 - Onsite Support
- Technician Installed Customer
 - Replaceable Unit Service
 - International Warranty Upgrade

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

 United States of America



ThinkPad 64GB 8533MT/s LPDDR5x CAMM2 Memory 4X71U38632



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

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

Recommended Services

BEST	5Y Premier Support for AIPC upgrade from 1Y Premier Support (5WS1U94137)
BETTER	4Y Premier Support for AIPC upgrade from 1Y Premier Support (5WS1U94136)
GOOD	3Y Premier Support for AIPC upgrade from 1Y Premier Support (5WS1U94135)



PSREF

Product Specifications Reference