

PERFORMANCE**Processor**

Intel® Core Ultra 7 255H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.1GHz, 24MB Intel Smart Cache

AI PC Category

AI PC

NPU

Integrated Intel® AI Boost, up to 13 TOPS

Graphics

NVIDIA® GeForce RTX™ 5060 8GB GDDR7 Laptop GPU

Chipset

Intel® SoC Platform

Memory

32GB LPCCAMM2 LPDDR5x-7467

Memory Slots

One LPCCAMM2 connector, dual-channel

Max Memory

Up to 64GB (1x 64GB LPCCAMM2), upgradable

Storage

1TB 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

RAID Preset

None

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" WUXGA (1920x1200) IPS 500nits Anti-glare, 100% sRGB, 60Hz, Low Power, Eyesafe®, TÜV Low Blue Light

Touchscreen

None

Screen-to-Body Ratio

91.7% (IPS models)

Color Calibration

X-Rite® Factory Color Calibration

Pen

Pen Not Supported

Keyboard

Backlit, Bulgarian

Dimensions (WxDxH)^[2]

354.3 x 241.0 x 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

CONNECTIVITY**WLAN + Bluetooth**

Intel® Wi-Fi® 7 BE201, 802.11be 2x2 + BT5.4

WWAN

WWAN Not Supported

SIM Card

None

Ethernet

No Onboard Ethernet

Standard Ports

- 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

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**

Non-vPro®

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
- Intel® Evo™ Platform
- TÜV Rheinland® Low Blue Light

MODEL

TopSeller

: Yes

EAN / UPC / JAN: 0199272090045

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.

To see more note information, please access the [web page](#).

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



Advanced technical support, 24x7x365, in more than 100 markets



Technical Account Managers for proactive relationship and escalation management



Comprehensive hardware & OEM software support



Single point of contact for simplified end-to-end case management

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



United States of America



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



Lenovo Self-Charging Bluetooth Keyboard-
French Canadian 058 4Y41R69498



Lenovo Essential FHD Webcam Gen2
4XC1S15018

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

Lenovo

PSREF
Product Specifications
Reference