



PERFORMANCE

Processor
Intel Core™ Ultra 7 165U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 4.9GHz, 12MB Intel® Smart Cache

AI PC Category
AI PC^[1]

NPU
Integrated Intel® AI Boost, up to 11 TOPS

Graphics
Integrated Intel® Graphics

Chipset
Intel® SoC Platform

Memory
32GB Soldered LPDDR5x-6400

Memory Slots
Memory soldered to systemboard, no slots, 8-channel

Max Memory
32GB soldered memory, not upgradable

Storage
512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

Storage Slot
One M.2 2280 PCIe® 4.0 x4 slot

Max Storage Support^[2]
One drive, up to 2TB M.2 2280 SSD

Card Reader
No Card Reader

Audio Chip
High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers
Stereo speakers, 2W x2, Dolby Atmos®

Microphone
2x, Array

Camera
FHD 1080p + IR Discrete with Privacy Shutter

Battery
57Wh

Power Adapter
65W USB-C® Slim (3-pin)

DESIGN

Display
14" WUXGA (1920x1200) IPS 400nits Anti-glare, 100% sRGB, 60Hz, Low Power^[3]

Screen-to-Body Ratio
89.2%

Pen
Pen Not Supported

Keyboard
Backlit, English (UK)

Touchpad
Trackpad

Dimensions (WxDxH)^[4]
312.80 x 214.75 x 14.96 mm (12.31 x 8.45 x 0.59 inches)

Weight^[5]
Starting at 1.08 kg (2.37 lbs)

Case Color
Black, Paint

Case Material
Carbon Fiber (Top), Aluminium (Bottom)

SOFTWARE

Operating System
Windows® 11 Pro, English

Bundled Software
Intel® Connectivity Performance Suite

CONNECTIVITY

WLAN + Bluetooth
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3, vPro®^[6]

WWAN
WWAN Not Supported

SIM Card
No physical SIM card inbox

Ethernet
No Onboard Ethernet^[7]

NFC
No NFC

Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)

Docking
Various docking solutions supported via Thunderbolt™ / USB-C®. For more compatible docking solutions, please visit [Docking for ThinkPad® X1 Carbon Gen 12](#)

SECURITY & PRIVACY

ThinkShield
ThinkShield is a comprehensive security solution that encompasses hardware, software, and supply chain components. For more detials, visit [here](#)

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, in Keyboard Key

Other Security

- Camera privacy shutter
- Ultrasonic Human Presence Detection (FHD 1080p + IR camera models)
- IR camera for Windows® Hello (facial recognition)

MANAGEABILITY

System Management
Intel® vPro® Enterprise^[8]

SERVICE

Base Warranty
3-year, Courier or Carry-in

Included Upgrade
3Y Premier Support WHB (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

ACCESSORIES

CERTIFICATIONS

Green Certifications

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered^[9]
- ErP Lot 6/26
- RoHS compliant
- TCO Certified, generation 10

Mil-Spec Test
MIL-STD-810H military test passed

Other Certifications

- Intel Evo™ Platform
- Eyesafe® Certified 2.0

MODEL

TopSeller	: Yes	EAN / UPC / JAN: 0199274454524
Announce Date:	2025-12-26	End of Support : 2030-07-08

- 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
- 

Priority on service delivery and repair parts
- 

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



ThinkPad USB4 Dock 5000 40BF0100EU



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

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

Recommended Services

BEST

4Y Premier Support for AIPC upgrade from 3Y Premier Support (5WS1U94009)



PSREF
Product Specifications
Reference