

PERFORMANCE

Processor

Intel Core™ Ultra 5 135U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 4.4GHz, 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

16GB Soldered LPDDR5x-6400^[2]

Memory Slots

Memory soldered to systemboard, no slots, 8-channel

Max Memory

16GB 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^[3]

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^[4]

Screen-to-Body Ratio

89.2%

Pen

Pen Not Supported

Keyboard

Backlit, English (UK)

Touchpad

Trackpad

Dimensions (WxDxH)^[5]

312.80 x 214.75 x 14.96 mm (12.31 x 8.45 x 0.59 inches)

Weight^[6]

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^[7]

WWAN

WWAN Not Supported

SIM Card

No physical SIM card inbox

Ethernet

No Onboard Ethernet^[8]

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 details, 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^[9]

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^[10]
- 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: 0199274454371

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



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

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

Lenovo

PSREF
Product Specifications
Reference