

PERFORMANCE**Processor**

Intel® Core Ultra 7 155U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 4.8GHz, 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 Performance 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

Optical

None

Card Reader

None

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 (2-pin)

DESIGN**Display**

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

Touchscreen

On-cell, 10-point Multi-touch

Screen-to-Body Ratio

89.2%

Pen

Pen Not Supported

Keyboard

Backlit, English

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

Ethernet

No Onboard Ethernet^[7]

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

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**

Non-vPro®

SERVICE**Base Warranty**

3-year, Courier or Carry-in

Included Upgrade

3Y Premier Support Upgrade from 3Y Courier/Carry-in

ACCESSORIES**CERTIFICATIONS****Green Certifications**

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered^[8]
- ErP Lot 6/26
- RoHS compliant
- TCO Certified, generation 10

Mil-Spec Test

MIL-STD-810H military test passed

Other Certifications

- Eyesafe® Certified 2.0
- Intel® Evo™ Platform

MODEL

TopSeller : Yes

EAN / UPC / JAN: 198153669899

Announce Date: 2024-04-09

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.
- 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.



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

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



Russia



Lenovo Professional Wireless Keyboard and Mouse Combo - Slovak 4X31R64342



Lenovo Wireless VoIP Headset (Teams)
4XD1M80020

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

Recommended Services

BEST	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39253)
BETTER	4Y Premier Support upgrade from 3Y Premier Support (5WS0W86716)



PSREF
Product Specifications
Reference