

PERFORMANCE

Processor

Intel® Core™ i7-12700H, 14C (6P + 8E) / 20T, P-core 2.3 / 4.7GHz, E-core 1.7 / 3.5GHz, 24MB

Graphics

NVIDIA® GeForce® RTX™ 3050 4GB GDDR6

Chipset

Intel SoC Platform

Memory

16GB Soldered LPDDR5-6000

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Max Memory

16GB soldered memory, not upgradable

Storage

512GB SSD M.2 2280 PCIe® 4.0x4 NVMe®

Storage Support

One drive, up to 512GB M.2 2242 SSD or 1TB M.2 2280 SSD

Card Reader

None

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, optimized with Dolby® Atmos®, sound by Harman

Camera

IR & FHD 1080p + ToF with E-privacy Camera Shutter

Microphone

2x, Array

Battery

Integrated 70Wh

Max Battery Life

Local video (1080p) playback@150nits: up to 12.9 hr

Power Adapter

100W USB-C Slim (3-pin)

DESIGN

Display

14.5" 3K (3072x1920) IPS 400nits Glossy, 120Hz, 100% sRGB, Low Blue Light, TÜV Eyesafe®, Glass, Touch, Dolby Vision™

Touchscreen

10-point Multi-touch

Color Calibrator

Factory Color Calibration

Keyboard

Backlit, English (US)

Case Color

Ultimate Grey (Top), Cloud Grey (Keyboard cover, Bottom)

Surface Treatment

Aluminium CNC (Top), Aluminium Stamping (Bottom)

Case Material

Aluminium

Dimensions (WxDxH)

328.2 x 221.4 x 15.9 mm (12.92 x 8.72 x 0.63 inches)

Weight

Starting at 1.45 kg (3.20 lbs)

SOFTWARE

Operating System

Windows® 11 Home 64, English

Bundled Software

Office Trial

CONNECTIVITY

Ethernet

None

WLAN + Bluetooth®

Wi-Fi® 6E 11ax, 2x2 + BT.5.1

Standard Ports

- 1x USB 3.2 Gen 1 (Always On)
- 1x HDMI® 2.0
- 1x Headphone / microphone combo jack (3.5mm)
- 2x Thunderbolt™ 4 (support data transfer, Power Delivery 3.0, and DisplayPort™ 1.4)

SECURITY & PRIVACY

Security Chip

Firmware TPM 2.0

Fingerprint Reader

None

Other Security

- E-Camera shutter
- IR camera for Windows Hello

SERVICE

Base Warranty

1-year, Depot

Included Upgrade

1Y Premium Care with Onsite upgrade from 1Y Courier/Carry-in (5WSOT73712)

CERTIFICATIONS

Green Certifications

- EPEAT™ Silver
- ENERGY STAR® 8.0
- ErP Lot 6
- RoHS compliant

Other Certifications

- TÜV Rheinland® Eyesafe® Display
- TÜV Rheinland Low Blue Light (Hardware Solution)

MODEL

| | | | |
|------------------------|----------------|-----------------------|--------------|
| TopSeller | : No | Announce Date | : 2022-04-29 |
| EAN / UPC / JAN | : 196379777190 | End of Support | : 2028-05-26 |



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Premium Care - Advanced Support from Real People. Real Fast.



REAL PERSON

Choose how you want to reach us - through the phone, chat or email - our expert technicians will take care of you.



REAL FAST

Highly trained technicians will provide you real-time solutions, whatever the issue, on your first contact. If needed, our team will schedule an onsite visit for the next business day.



HASSLE FREE

'Getting started' and 'how-to' assistance for hardware and software. Easy solutions that are simple to reach - that's how Premium Care delivers you the ideal support experience.



PC HEALTH CHECK

Free annual PC Health Check that allows our experts to spot issues before you do so they can resolve them quickly and help you avoid PC problems.

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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