

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

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

Storage Support

One drive, up to 1TB M.2 2280 SSD

Storage Slot

One M.2 2280 PCIe 4.0 x4 slot

Card Reader

None

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

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

Camera

FHD 1080p + IR with E-shutter, ToF Sensor

Microphone

2x, Array

Battery

Integrated 70Wh

Max Battery Life

Discrete graphics models:
Local video (1080p) playback@150nits: 10.9 hr

Power Adapter

100W USB-C® Slim (3-pin)

DESIGN

Display

14.5" 3K (3072x1920) IPS 400nits Anti-glare, 100% sRGB, 120Hz, Eyesafe®, Dolby Vision™

Touchscreen

None

Color Calibration

Factory Color Calibration

Keyboard

Backlit, German

Case Color

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

Surface Treatment

Aluminium CNC (Top), Aluminium Stamping (Bottom)

Case Material

Aluminium (Top), Aluminium (Bottom)

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, German

Bundled Software

Office Trial

CONNECTIVITY

Ethernet

No Onboard Ethernet

WLAN + Bluetooth®

Wi-Fi® 6E, 11ax 2x2 + BT5.1

Standard Ports

- 1x USB 3.2 Gen 1 (Always On)
- 2x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x HDMI® 2.0
- 1x Headphone / microphone combo jack (3.5mm)

SECURITY & PRIVACY

Security Chip

Firmware TPM 2.0

Fingerprint Reader

None

Other Security

- E-shutter
- IR camera for Windows Hello

SERVICE

Base Warranty

2-year, Courier or Carry-in

Included Upgrade

<= 3 Months Premium Care (5WS1E21232), CO2 Offset 1 ton (5WS1H38504)

CERTIFICATIONS

Green Certifications

- EPEAT™ Silver
- ENERGY STAR® 8.0
- ErP Lot 6
- ErP Lot 26
- RoHS compliant

Other Certifications

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

MODEL

TopSeller	: Yes	Announce Date	: 2022-10-26
EAN / UPC / JAN	: 196803506143	End of Support	: 2028-06-13



intel

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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Recommended Accessories



Lenovo Professional Wireless Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...



ThinkPad Hybrid USB-C with USB-A Dock (American Standard Plug Type B)

40AF0135US

The ThinkPad Hybrid USB-C with USB-A Dock expands the capabilities of most any laptop, new or old, making it perfect for enterprise customers with mixed-PC or shared-desk environments. Featuring enterprise-class manag...

For a full list of accessories and services, please visit:
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Reference