

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

32GB Soldered LPDDR5-6000

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Max Memory

32GB 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

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

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

Microphone

2x, Array

Battery

Integrated 70Wh

Max Battery Life

Model with discrete graphics:
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, 120Hz, 100% sRGB, Low Blue Light, TÜV Eyesafe®, Dolby Vision™

Touchscreen

None

Color Calibrator

Factory Color Calibration

Keyboard

Backlit, German

Case Color

Dark Teal

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, German

Bundled Software

Office Trial

CONNECTIVITY

Ethernet

None

WLAN + Bluetooth®

Wi-Fi® 6E 11ax, 2x2 + BT5.1

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

2-year, Depot

Included Upgrade

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

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	: Yes	Announce Date	: 2022-04-29
EAN / UPC / JAN	: 196801162068	End of Support	: N/A



intel

- Lenovo reserves the right to change specifications or other product information without notice.
- Product image on this page is a sample, it may not match the real color of this model
- Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences

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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

Recommended Accessories



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...



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...

For a full list of accessories and services, please visit:
<https://smartfind.Lenovo.com>

Lenovo

PSREF
Product Specifications
Reference