

## PERFORMANCE

### Processor

Intel® Core™ i9-13905H, 14C (6P + 8E) / 20T, P-core up to 5.4GHz, E-core up to 4.1GHz, 24MB

### Graphics

NVIDIA® GeForce RTX™ 4070 8GB GDDR6

### Chipset

Intel SoC Platform

### Memory

64GB Soldered LPDDR5x-6400

### Memory Slots

Memory soldered to systemboard, no slots, dual-channel

### Max Memory

64GB soldered memory, not upgradable

### Storage

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

### Storage Support

Up to two drives, 2x M.2 SSD

- M.2 2280 SSD up to 1TB

### Storage Slot

Two M.2 slots

- One M.2 2280 PCIe 3.0 x4 slot
- One M.2 2280 PCIe 4.0 x4 slot

### Card Reader

4-in-1 Card Reader

### Optical

None

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

### Speakers

6 stereo speakers, 2W x4 (dual side woofers), 2W x2 (tweeters), optimized with Dolby® Atmos®, Smart Amplifier (AMP)

### Camera

5.0MP + IR with E-shutter, ToF Sensor

### Microphone

4x, Array

### Battery

Integrated 75Wh

### Max Battery Life

Models with Mini LED panel and discrete graphics:

MobileMark® 2018@200nits: 6.4 hr

Local video (1080p) playback@150nits: 9.5 hr

### Power Adapter

170W Slim Tip (3-pin)

## DESIGN

### Display

16" 3.2K (3200x2000) Mini LED 1200nits Glossy, 100% DCI-P3, 100% Adobe® RGB, 100% sRGB, 165Hz, Eyesafe®, DisplayHDR™ 1000, Dolby Vision™, Glass

### Touchscreen

None

### Color Calibration

Factory Color Calibration

### Keyboard

Backlit, Czech / Slovak

### Case Color

Storm Grey

### Surface Treatment

Aluminium Stamping (Anodized with Sandblasting)

### Case Material

Aluminium (Top), Aluminium (Bottom)

### Dimensions (WxDxH)

362.44 x 244.82 x 18.16 mm (14.27 x 9.64 x 0.71 inches)

### Weight

Starting at 2.23 kg (4.92 lbs)

## SOFTWARE

### Operating System

Windows® 11 Pro, Czech / Slovak / English

### Bundled Software

Office Trial

## CONNECTIVITY

### Ethernet

No Onboard Ethernet

### WLAN + Bluetooth®

Wi-Fi® 6E, 11ax 2x2 + BT 5.1

### Standard Ports

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 1x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x HDMI®, up to 4K/30Hz
- 1x Card reader
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0

### Fingerprint Reader

None

### Other Security

- E-shutter
- IR camera for Windows® Hello

## MANAGEABILITY

## SERVICE

### Base Warranty

2-year, Courier or Carry-in

### Included Upgrade

CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects) (5WS1L72252), 3Y Premium Care with Onsite upgrade from 2Y Depot/CCI CZ&SK (CPN) (5WS1L88328)

## ACCESSORIES

### Bundled Accessories

None

## CERTIFICATIONS

### Green Certifications

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

### Other Certifications

- Intel® Evo™ Platform
- Eyesafe® Certified 2.0
- TÜV Rheinland® Low Blue Light (Hardware Solution)

### Mil-Spec Test

MIL-STD-810H military test passed (21 test items)

## MODEL

**TopSeller** : Yes **Announce Date** : 2023-05-16

**EAN / UPC / JAN** : 197529844342 **End of Support** : 2029-04-30

- 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

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Product Specifications  
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