

## PERFORMANCE

### Processor

Intel® Core™ Ultra 7 255H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.1GHz, 24MB

### AI PC Category<sup>[1]</sup>

AI PC

### NPU

Integrated Intel® AI Boost, up to 13 TOPS

### Graphics

NVIDIA® GeForce RTX™ 5050 8GB GDDR7

### Chipset

Intel® SoC Platform

### Memory

32GB Soldered LPDDR5x-8400

### Memory Slots

Memory soldered to systemboard, no slots, dual-channel

### Max Memory

32GB soldered memory, not upgradable

### Storage

1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®

### Storage Slot

Two M.2 slots

- One M.2 2242 PCIe® 4.0 x4 slot
- One M.2 2280 PCIe® 4.0 x4 slot

### Max Storage Support<sup>[2][3]</sup>

- Up to two drives, 2x M.2 SSD
- M.2 2242 SSD up to 1TB each

### Card Reader

SD Card Reader

### 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)

### Microphone

4x, Array

### Camera

5.0MP + IR with E-shutter

### Battery

84Wh

### Power Adapter

170W Slim Tip (3-pin)

## DESIGN

### Display

16" 2.8K WQXGA+ (2880x1800) OLED 1100nits (peak) / 500nits (typical) Glossy, 100% DCI-P3, 100% sRGB, 120Hz, Eyesafe®, Dolby Vision®, TÜV Low Blue Light, DisplayHDR™ True Black 1000, X-Rite®, PureSight Pro

### Screen-to-Body Ratio

90.17% AAR (active area ratio)

### Color Calibration

X-Rite® Factory Color Calibration

### Pen

Pen Not Supported

### Keyboard

Backlit, Portuguese

### Touchpad

Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 95 x 150 mm (3.75 x 5.91 inches)

### Dimensions (WxDxH)<sup>[4]</sup>

362.72 x 253.69 x 17.9 mm (14.28 x 9.99 x 0.70 inches)

### Weight<sup>[5]</sup>

Starting at 1.92 kg (4.23 lbs)

### Case Color

Luna Grey

### Case Material

Aluminium (Top), Aluminium (Bottom)

### Surface Treatment

Aluminium Stamping (Anodized with Sandblasting)

## SOFTWARE

### Operating System

Windows® 11 Home, Portuguese / English

### Bundled Software

Office Trial

## CONNECTIVITY

### WLAN + Bluetooth<sup>[6]</sup>

Wi-Fi® 7, 802.11be 2x2 + BT5.4

### WWAN

Non-WWAN

### Ethernet

No Onboard Ethernet

### Standard Ports<sup>[7]</sup>

- 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 65-100W and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD card reader
- 1x Power connector

### Docking

Various docking solutions are supported via Thunderbolt™. For more compatible docking solutions, please visit [Docking for Yoga® Pro 9 16IAH10](#)

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0

### Other Security

- E-shutter
- IR camera for Windows® Hello (facial recognition)

## SERVICE

### Base Warranty

3-year, Courier or Carry-in

### Included Upgrade

<= 3 Months Premium Care

## ACCESSORIES

### Bundled Accessories<sup>[8]</sup>

Yoga® Pro Mouse + Lenovo® USB-C® 4-in-1 Hub Gen 2

## CERTIFICATIONS

### Green Certifications<sup>[9]</sup>

- Carbon Neutral Certified
- ENERGY STAR® 9.0
- EPEAT™ Gold Registered
- ErP Lot 6/26
- RoHS compliant

### Mil-Spec Test

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

### Other Certifications

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

## MODEL

<b>TopSeller</b>	: No	<b>Announce Date</b>	: 2025-06-24
<b>EAN / UPC / JAN</b>	: 198156721334	<b>End of Support</b>	: 2031-06-09

Note:

[1] AI PCs have a NPU capable of 10+ TOPs to run the Copilot assistant by pressing the optional Microsoft Copilot key or using Win + C.

[2] The storage capacity supported is based on the test results with current Lenovo storage offerings.

[3] The system supports dual SSD via two M.2 slots. But in some configurations, Lenovo offers one SSD with a second slot for user expansion.

[4] The system dimensions may vary depending on.....

• Lenovo reserves the right to change specifications without notice.

To see more note information, please access the [web page](#).

## 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.



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### 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...



### Lenovo Essential USB Mouse

4Y50R20863

The Lenovo Essential USB Mouse is more than your basic mouse. It features an easy plug-and-play connection to PCs with USB cord. The ergonomic full-size design provides comfortable grip for all day comfort. A high-re...

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

**Lenovo**

**PSREF**  
Product Specifications  
Reference