

PERFORMANCE

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

AI PC Category^[1]
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®

Max Storage Support^{[2][3]}
Up to two drives, 2x M.2 SSD
• M.2 2242 SSD up to 1TB each

Storage Slot
Two M.2 slots
• One M.2 2242 PCIe® 4.0 x4 slot
• One M.2 2280 PCIe® 4.0 x4 slot

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)

Camera
5.0MP + IR with E-shutter

Microphone
4x, Array

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

Touchscreen
None

Color Calibration
Factory Color Calibration

Keyboard
Backlit, English (UK)

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

Case Color
Tidal Teal

Surface Treatment
Aluminium Stamping (Anodized with Sandblasting)

Case Material
Aluminium (Top), Aluminium (Bottom)

Pen
Pen Not Supported

Dimensions (WxDxH)^[4]
362.72 x 253.69 x 17.9 mm (14.28 x 9.99 x 0.70 inches)

Weight^[5]
Starting at 1.92 kg (4.23 lbs)

SOFTWARE

Operating System
Windows® 11 Home, English

Bundled Software
Office Trial + Lenovo® AI Now

CONNECTIVITY

WLAN + Bluetooth^[6]
Wi-Fi® 7, 802.11be 2x2 + BT5.4

WWAN
Non-WWAN

Ethernet
No Onboard Ethernet

Standard Ports^[7]

- 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

Fingerprint Reader
None

Other Security

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

SERVICE

Base Warranty
1-year, Courier or Carry-in

Included Upgrade
None

ACCESSORIES

Bundled Accessories^[8]
None

CERTIFICATIONS

Green Certifications^[9]

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

Other Certifications

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

MODEL

TopSeller	: No	Announce Date	: 2025-06-24
EAN / UPC / JAN	: 198158796798	End of Support	: 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.....
· 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.



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...



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

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PSREF
Product Specifications
Reference