



PERFORMANCE

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

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

**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]</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®, Flicker Free, DisplayHDR™ True Black 1000, X-Rite®, PureSight Pro

**Touchscreen**

None

**Screen-to-Body Ratio**  
90.17% AAR (active area ratio)

**Color Calibration**  
X-Rite® Factory Color Calibration

**Pen**  
Pen Not Supported

**Keyboard**  
Backlit, Bulgarian

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

**Dimensions (WxDxH)**<sup>[3]</sup>  
362.72 x 253.69 x 17.9 mm (14.28 x 9.99 x 0.70 inches)

**Weight**<sup>[4]</sup>  
Starting at 1.92 kg (4.23 lbs)

**Case Color**  
Tidal Teal

**Case Material**  
Aluminium (Top), Aluminium (Bottom)

**Surface Treatment**  
Aluminium Stamping (Anodized with Sandblasting)

SOFTWARE

**Operating System**  
Windows® 11 Home, English

**Bundled Software**  
Office Trial

CONNECTIVITY

**WLAN + Bluetooth**  
Wi-Fi® 7, 802.11be 2x2 + BT5.4

**WWAN**  
WWAN Not Supported

**Ethernet**  
No Onboard Ethernet

**Standard Ports**

- 1x USB-A (USB 5Gbps), Always On
- 1x USB-A (USB 5Gbps)
- 2x Thunderbolt™ 4, with USB PD 65-100W and DisplayPort™ 2.1<sup>[5]</sup>
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD card reader
- 1x Slim tip 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**  
2-year, Courier or Carry-in

**Included Upgrade**  
None

ACCESSORIES

**Bundled Accessories**  
None

CERTIFICATIONS

**Green Certifications**

- Carbon Neutral Certified
- ENERGY STAR® 9.0
- EPEAT™ Gold Registered<sup>[6]</sup>
- ErP Lot 6/26
- RoHS compliant

**Mil-Spec Test**  
MIL-STD-810H military test passed (21 test items)

**Other Certifications**

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

MODEL

**TopSeller** : No **EAN / UPC / JAN:** 198156511003

**Announce Date:** 2025-06-24 **End of Support** : 2031-06-09

Note:

<sup>[1]</sup> 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.

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

<sup>[3]</sup> The system dimensions may vary depending on configurations.

- Please refer to the official [Lenovo store website](#) or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice. To see more note information, please access the [web page](#).

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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 Self-Charging Bluetooth Keyboard-French Canadian 058 4Y41R69498



Lenovo Wired VoIP Headset 5000 4XD1R88995



Lenovo Essential FHD Webcam Gen2 4XC1S15018

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



PSREF  
Product Specifications  
Reference