

**PERFORMANCE****Processor**

Intel Core™ Ultra 9 285H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.4GHz, 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**

512GB 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

**Optical**

None

**Card Reader**

SD Card Reader

**Audio Chip**

High Definition (HD) Audio

**Speakers**

Stereo speakers, 2W x2, optimized with Dolby Atmos®

**Microphone**

2x, Array

**Camera**

FHD 1080p + IR with Privacy Shutter, ToF Sensor

**Battery**

84Wh

**Power Adapter**

170W Slim Tip (3-pin)

**DESIGN****Display**

16" 2.8K (2880x1800) OLED 500nits (typical) / 1100nits (peak)  
Glossy, 100% DCI-P3, 120Hz VRR, DisplayHDR™ True Black 1000

**Touchscreen**

None

**Screen-to-Body Ratio**

90% AAR (active area ratio)

**Color Calibration**

Factory Color Calibration

**Pen**

Pen Not Supported

**Keyboard**

Backlit, Belgian

**Touchpad**

Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 80 x 135 mm (3.15 x 5.31 inches)

**Dimensions (WxDxH)<sup>[3]</sup>**

356.8 x 251 x 15.95 mm (14.05 x 9.88 x 0.63 inches)

**Weight<sup>[4]</sup>**

Starting at 1.8 kg (3.97 lbs)

**Case Color**

Luna Grey

**Case Material**

Aluminium (Top), Aluminium (Bottom)

**Surface Treatment**

Aluminium Stamping (Anodized with Sandblasting)

**SOFTWARE****Operating System**

Windows® 11 Home, Benelux (EN/FR/DE/NL)

**Bundled Software**

Office Trial + Lenovo® AI Now

**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 / 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

**Optional Ports (configured)**

1x Power Connector

**Docking**

Various docking solutions supported via Thunderbolt™. For more compatible docking solutions, please visit [Docking for IdeaPad® Pro 5 16IAH10](#)

**Monitor Cable**

None

**SECURITY & PRIVACY****Security Chip**

Firmware TPM 2.0 Enabled

**Fingerprint Reader**

No Fingerprint Reader

**Other Security**

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

**SERVICE****Base Warranty**

2-year, Courier or Carry-in

**Included Upgrade**

2Y Premium Care with Onsite upgrade from 2Y Courier/Carry-in

**ACCESSORIES****CERTIFICATIONS****Green Certifications<sup>[5]</sup>**

- 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**

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

**MODEL**

TopSeller : No EAN / UPC / JAN: 199272768401

Announce Date: 2025-08-20 End of Support : 2031-02-07

- 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](#).

## 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.



### 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.



### 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.



### 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 350 Bluetooth Silent Mouse (Fan Edition - Argentina) GY51U71763



Lenovo 15.6 Laptop Everyday Backpack B510-ROW 4X41U80414



Lenovo Analog In-Ear Headphones Gen II Bulk Package (20pcs) 4XD1T54899

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

**Lenovo**

**PSREF**

Product Specifications  
Reference