

PERFORMANCE

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

**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 1.72 kg (3.79 lbs)

**Case Color**  
Luna Grey

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

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

**SOFTWARE**

**Operating System**  
None

**Bundled Software**  
None

**CONNECTIVITY**

**WLAN + Bluetooth**<sup>[5]</sup>  
Wi-Fi® 7, 802.11be 2x2 + BT5.4

**WWAN**  
Non-WWAN

**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 3.0 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**  
None

**Other Security**

- Camera privacy 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**<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
- TÜV Rheinland® Flicker Free
- TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

<b>TopSeller</b>	: No	<b>Announce Date</b>	: 2025-05-27
<b>EAN / UPC / JAN</b>	: 198156890627	<b>End of Support</b>	: 2031-02-07

Note:  
<sup>[1]</sup> AI PCs have a NPU capable of 10+ TOPs to run the Copilot.....  
· 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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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.



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'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.



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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.

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## Warranty Extensions & Upgrades – Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Technician Installed Customer
- Onsite Support
- Replaceable Unit Service
- International Warranty Upgrade

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## Recommended Accessories



### ThinkPad Hybrid USB-C with USB-A Dock (American Standard Plug Type B)

40AF0135US

- The ThinkPad Hybrid USB-C with USB-A dock is a productivity solution for any USB-C or USB-A laptop, including non-Lenovo laptops from Dell, HP, and Apple, providing power, display, and port expansion in any m...



### 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.



**PSREF**  
Product Specifications  
Reference