



PERFORMANCE

**Processor**  
AMD Ryzen™ 5 8640HS (6C / 12T, 3.5 / 4.9GHz, 6MB L2 / 16MB L3)

**NPU**  
Integrated AMD Ryzen™ AI, up to 16 TOPS

**Graphics**  
Integrated AMD Radeon™ 760M Graphics

**Chipset**  
AMD SoC Platform

**Memory**  
8GB Soldered DDR5-5600 + 8GB SODIMM DDR5-5600

**Memory Slots**  
One memory soldered to systemboard, one DDR5 SODIMM slot, dual-channel capable

**Max Memory**<sup>[1]</sup>  
Up to 24GB (8GB soldered + 16GB SODIMM) DDR5-5600 offering

**Storage**  
512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

**Storage Slot**  
Two M.2 2242 PCIe® 4.0 x4 slots

**Max Storage Support**<sup>[2][3]</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 Audio™

**Microphone**  
2x, Array

**Camera**  
HD 720p with Privacy Shutter

**Battery**  
60Wh

**Power Adapter**  
65W Round Tip (3-pin)

DESIGN

**Display**  
16'' WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC, 60Hz<sup>[4]</sup>

**Touchscreen**  
None

**Screen-to-Body Ratio**  
90% AAR (active area ratio)

**Pen**

Pen Not Supported

**Keyboard**  
Non-backlit, Russian

**Touchpad**  
Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

**Dimensions (WxDxH)**<sup>[5][6]</sup>  
360 x 251 x 16.9-17.9 mm (14.17 x 9.88 x 0.67-0.70 inches)

**Weight**<sup>[7]</sup>  
Starting at 1.73 kg (3.81 lbs)

**Case Color**  
Luna Grey

**Case Material**  
Aluminium (Top), PC-ABS (Bottom)

**Surface Treatment**  
Aluminium Stamping Anodized (Top), Texture (Bottom)

SOFTWARE

**Operating System**  
None

**Bundled Software**  
None

CONNECTIVITY

**WLAN + Bluetooth**  
Wi-Fi® 6, 802.11ax 2x2 + BT5.3

**WWAN**  
Non-WWAN

**Ethernet**  
No Onboard Ethernet

**Standard Ports**

- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with USB PD 3.0 and DisplayPort™ 1.2
- 1x HDMI® 1.4
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD card reader
- 1x Power connector

**Docking**  
Various docking solutions supported via USB-C®. For more compatible docking solutions, please visit [Docking for IdeaPad® Slim 3 16AHP10](#)

SECURITY & PRIVACY

**Security Chip**  
Microsoft® Pluton TPM 2.0 Enabled

**Fingerprint Reader**  
None

**Other Security**

Camera privacy shutter

SERVICE

**Base Warranty**  
1-year, Courier or Carry-in

**Included Upgrade**  
None

ACCESSORIES

**Bundled Accessories**  
None

CERTIFICATIONS

**Green Certifications**

- ErP Lot 6/26
- RoHS compliant

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

**Other Certifications**  
TÜV Rheinland® Low Blue Light (Software Solution)

MODEL

**TopSeller** : No **EAN / UPC / JAN:** 198155702914

**Announce Date:** 2025-01-03 **End of Support** : 2031-01-16

Note:

<sup>[1]</sup> The max memory is based on the test results with current Lenovo memory offerings.

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

<sup>[3]</sup> The system supports dual SSD via two M.2 slots, but Lenovo offers only one SSD configuration with a second slot for user self-expansion.

<sup>[4]</sup> IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

<sup>[5]</sup> The system dimensions may vary depending on configurations.

<sup>[6]</sup> The depth is 253 mm (9.96 inches) with the camera bump.

<sup>[7]</sup> The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

· Lenovo reserves the right to change specifications without notice.

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.



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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.



**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 Self-Charging Bluetooth Keyboard-French Canadian 058 4Y41R69498



Lenovo Wired VoIP Headset 5000 4XD1R88995

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

Recommended Services

BEST	3Y Premium Care Plus upgrade from 1Y Courier/Carry-in (5WS1J38620)
BETTER	3Y Premium Care with Onsite upgrade from 1Y Courier/Carry-in (5WS0T73714)
GOOD	3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in (5WS0K75663)



PSREF  
Product Specifications  
Reference