

# Legion Slim 5 16APH8 82Y900BYFR

## PERFORMANCE

- Processor**  
AMD Ryzen™ 5 7640HS (6C / 12T, 4.3 / 5.0GHz, 6MB L2 / 16MB L3)
- Graphics**  
NVIDIA® GeForce RTX™ 4050 6GB GDDR6, Boost Clock 2370MHz, TGP 100W
- Chipset**  
AMD SoC Platform
- Memory**  
2x 8GB SO-DIMM DDR5-5600
- Memory Slots**  
Two DDR5 SO-DIMM slots, dual-channel capable
- Max Memory**<sup>[1]</sup>  
Up to 32GB DDR5-5600 offering
- Storage**  
512GB SSD M.2 2280 PCIe® 4.0x4 NVMe®
- Storage Support**<sup>[2]</sup>  
Up to two drives, 2x M.2 2280 SSD  
• M.2 2280 SSD up to 1TB
- Storage Slot**  
Two M.2 2280 PCIe® 4.0 x4 slots
- Card Reader**  
4-in-1 Card Reader
- Optical**  
None
- Audio Chip**  
High Definition (HD) Audio, Realtek® ALC3287 codec
- Speakers**  
Stereo speakers, 2W x2, Nahimic Audio
- Camera**  
FHD 1080p with E-shutter
- Microphone**  
2x, Array
- Battery**  
Integrated 80Wh
- Power Adapter**  
170W Slim Tip (3-pin)
- Special Features**  
• AI Chip: LA1  
• Legion Coldfront 5.0 cooling system

## DESIGN

- Display**<sup>[3]</sup>  
16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC, 144Hz, FreeSync™, G-SYNC®
- Touchscreen**  
None

- Color Calibration**  
None
- Keyboard**  
White Backlit, French
- Touchpad**  
Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)
- Case Color**  
Storm Grey
- Surface Treatment**  
Anodizing
- Case Material**  
Aluminium (Top), PC-ABS (Bottom)
- Dimensions (WxDxH)**<sup>[4]</sup>  
359.7 x 260.3 x 19.9-21.9mm (14.16 x 10.25 x 0.78-0.86 inches)
- Weight**<sup>[5]</sup>  
Less than 2.4 kg (5.29 lbs)

## SOFTWARE

- Operating System**  
Windows® 11 Home, French
- Bundled Software**  
Office Trial

## CONNECTIVITY

- Ethernet**  
100/1000M (RJ-45)
- WLAN + Bluetooth**<sup>[6][7]</sup>  
Wi-Fi® 6E, 802.11ax 2x2 + BT5.3
- Standard Ports**
- 1x USB 3.2 Gen 2
  - 1x USB 3.2 Gen 2 (Always On)
  - 1x USB-C® 3.2 Gen 2 (support data transfer and DisplayPort™ 1.4)
  - 1x USB-C® 3.2 Gen 2 (support data transfer, Lenovo® Power Delivery 140W and DisplayPort™ 1.4)
  - 1x HDMI® 2.1, up to 8K/60Hz
  - 1x Headphone / microphone combo jack (3.5mm)
  - 1x Ethernet (RJ-45)
  - 1x Card reader

## SECURITY & PRIVACY

- Security Chip**  
Firmware TPM 2.0 Enabled
- Fingerprint Reader**  
None
- Other Security**  
E-shutter

## SERVICE

- Base Warranty**  
2-year, Courier or Carry-in
- Included Upgrade**  
None

## ACCESSORIES

- Bundled Accessories**<sup>[8]</sup>  
None

## CERTIFICATIONS

- Green Certifications**
- ErP Lot 6
  - ErP Lot 26
  - RoHS compliant

## MODEL

- |                        |                |                       |              |
|------------------------|----------------|-----------------------|--------------|
| <b>TopSeller</b>       | : No           | <b>Announce Date</b>  | : 2024-07-02 |
| <b>EAN / UPC / JAN</b> | : 198154704209 | <b>End of Support</b> | : 2029-05-14 |



Product image is a sample, it may not match the real color of this model

- Note:
- [1] The max memory is based on the test results with current Lenovo memory offerings.
- [2] The storage capacity supported is based on the test results with current Lenovo storage offerings.
- [3] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.
- [4] The system dimensions may vary depending on configurations.
- [5] 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.
- [6] Bluetooth may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.
- [7] Wi-Fi 6E full features might be limited by country-level.....
- Lenovo reserves the right to change specifications without notice.
- To see more note information, please link to <https://psref.lenovo.com/Detail/2214?M=82Y900BYFR>

## 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
- Technician Installed Customer
- Onsite Support
- Replaceable Unit Service
- International Warranty Upgrade

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## Recommended Accessories



### Lenovo Powered USB-C Travel Hub

4X90S92381

Travel-Ready Productivity Powerhouse; One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo Powered USB-C Travel Hub fits unlimited...



### ThinkPad X1 Active Noise Cancellation Headphones

4XD0U47635

The ThinkPad X1 Active Noise Cancellation headphones provide rich, first-class listening and calling in any noise environment. Lenovo has partnered with Synaptics AudioSmartto create industry-leading headphones with H...

For a full list of accessories and services, please visit:  
<https://smartfind.Lenovo.com>

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**PSREF**  
Product Specifications  
Reference