

# Lenovo Legion Slim 5 (16", 9)

## Elevate Your Game

Embark on an exhilarating journey into premium gaming with the Legion Slim 5. Powered by AMD Ryzen™ 8040 Series processors and NVIDIA® GeForce RTX™ 40 Series graphics, this powerhouse caters to gamers and students seeking a versatile companion for both pro-level gaming and advanced STEM projects. Elevate your performance further with the unmatched capabilities of Lenovo AI Engine+ featuring the LA1 AI chip. The 16" 16:10 WQXGA Lenovo PureSight Gaming display offers up to 240Hz refresh rates and impeccable color accuracy. Experience smooth, cool, and silent operations even during the most demanding sessions, thanks to the Lenovo Legion ColdFront cooling system. All this power is elegantly wrapped in a stealthy Luna Grey chassis. Take command of your gaming and content creation with the agile and portable Legion Slim 5.

### WHY YOU SHOULD BUY THE LENOVO LEGION Slim 5 (16", 9)



#### Game On with AI Smarts

Transform your gaming journey with the Lenovo AI Engine+ powered by the LA1 AI chip. It's designed for gamers who crave the thrill of play without getting bogged down in intricate settings. With a flip of the switch in Balance Mode, the AI takes charge, adapting settings on the fly through real-time system monitoring. Bid farewell to the intricacies of optimizing CPU and GPU performance - the Lenovo AI Engine+ is your dependable ally, effortlessly unlocking your full potential. Enjoy gaming without the fuss, all with the power of AI intelligence.



#### Cool, Calm, Unstoppable

Cool, Calm, and Unstoppable. Meet the Legion Slim 5. No more thermal throttling, thanks to our advanced Legion ColdFront thermal design. Featuring a phase change thermal compound and larger copper heat pipes, coupled with ample air intake above the fans and the keyboard, you'll enjoy a continuous supply of cool air. The system's generous air exhausts efficiently expel hot air, ensuring a cool and calm interior. Plus, easily switch between Quiet, Performance, Balance, or Custom fan modes using Fn+Q keys or access these modes and Extreme Mode via Lenovo Vantage to find your ideal setting.



AMD



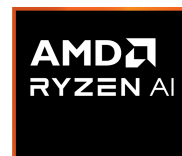
#### PureSight, Pure Thrills

Experience tear-free gameplay with Lenovo Legion Slim 5's 16" 16:10 PureSight Gaming display. With a swift 240Hz refresh rate and support for NVIDIA® G-SYNC® and AMD FreeSync™ Premium, it eradicates display stutter and input lag, ensuring ultra-smooth gameplay. Boasting WQXGA (2560 x 1600) resolution, 100% sRGB color accuracy, 500 nits of brightness, VESA DisplayHDR™ 400 certification, and X-Rite color calibration, you'll revel in stunning visuals and precise colors on its expansive canvas.



#### Gear Up, Game On

With Legion accessories, you customize your gear for every gaming journey. From the immersive Legion Y27h-30 monitor to the Legion M300s RGB Gaming Mouse, H200 Gaming Headset, K310 RGB Gaming Keyboard, and Legion Gaming Mouse Pad, craft your ultimate setup. Choose between a full gaming setup or stay mobile with just the gaming mouse and the Legion Active Gaming Backpack, keeping your gaming prowess on the move. Elevate your gaming experience with accessories that match your style and keep you connected and in control, all powered by Legion.



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## SPECIFICATIONS

Legion Slim 5 16AHP9  
Legion Slim 5 16ARP9

## PERFORMANCE

### Processor

AMD Ryzen™ 7 8845HS  
AMD Ryzen™ 7 7735HS

### Operating System

Windows 11 Pro  
Windows 11 Home

### Graphics

NVIDIA® GeForce RTX™ 4070 Laptop GPU  
8GB GDDR6 (140W) 2175MHz Boost Clock  
NVIDIA® GeForce RTX™ 4060 Laptop GPU  
8GB GDDR6 (140W) 2370MHz Boost Clock  
NVIDIA® GeForce RTX™ 4050 Laptop GPU  
6GB GDDR6 (125W/100W) 2370MHz Boost Clock  
MUX Supported

### (40 Series) NVIDIA® Supported Technologies:

NVIDIA DLSS 3, NVIDIA Ada Lovelace Architecture, NVIDIA Max-Q Technologies: Advanced Optimus, Optimal Playable Settings, Rapid Core Scaling, CPU Optimizer, Dynamicboost, DLSS and Resizeable BAR

### AI Chip

LA1

### Memory

8GB / 16GB (1 x 16GB / 2 x 8GB) / 32GB (2 x 16GB)  
5600MHz DDR5  
2 x SO-DIMM

### Storage

512GB / 1TB M.2 2280 PCIe SSD (Gen 4)

### Battery

4-cell 80Whr  
Up to 11.5 Hours (Target)<sup>1</sup>  
Super Rapid Charge (30min Charge 0-70% Capacity, 80min Charge 0-100% Capacity)

### Power Adapter

230W / 170W Slim Adapter  
140W (Type-C™ Power Delivery, not included in box)

### Legion Ultimate Support<sup>2</sup>

Why not start every game with an A-team advantage? Harness the power of elite technicians who speak your language, and defeat bugs or flaws on command. Armed with an arsenal of tips and tricks, they'll help you outwit your competition and go for gold. Our team is here to help you 24/7 via chat, email, or phone. Skip the line and get straight to a real person who knows a gamer's most pressing needs - and meets them with passion and speed.

### Lenovo Smart Performance

Smart Performance Services within Lenovo Vantage will keep your system running at optimum performance and proactively fix issues that affect PC performance, internet performance, and security.

### Lenovo Accidental Damage Protection

Avoid the hassles of unexpected damage & repair costs. With coverage for drops, spills, electric surges, and broken LCD screens, accidental damage protection makes it easy to repair to your PCs and ensures your device is up and running fast.

## McAfee® LiveSafe™

Register McAfee® to enjoy these benefits in your FREE 30-day trial.

- Award-winning Antivirus
- Multi-device Compatibility
- Password Manager
- Identity Theft Protection
- Safe Web Browsing
- Free Customer Support

## DESIGN

### Display

16" WQXGA (2560 x 1600) IPS; 16:10 (240 Hz / 5ms/3ms Response Time w/OD / 100% sRGB / 500 nits / VESA DisplayHDR™ 400 Certified / Dolby Vision® / NVIDIA® G-SYNC® / AMD FreeSync™ Premium²/ TÜV Rheinland® Certified: Hardware Low Blue Light / X-Rite Color Management)

16" WQXGA (2560 x 1600) IPS; 16:10 (165 Hz/ 5ms/3ms Response Time w/OD / 100% sRGB / 350 nits /Dolby Vision® / NVIDIA® G-SYNC® /AMD FreeSync™ Premium²/ Advanced Optimus / Hardware Low Blue Light / X-Rite Color Management)

### Dimensions (W x D x H)

Thin version<sup>3</sup>:  
(mm): 359.7 x 260.5 x 19.9-25.2  
(inches): 14.16" x 10.26" x 0.78"-0.99

### Thinner version<sup>4</sup>:

(mm): 359.7 x 260.5 x 19.9-21.9  
(inches): 14.16" x 10.26" x 0.78"-0.86

### Weight

Thin version<sup>3</sup>: 2.1kg / 4.6lbs  
Thinner version<sup>4</sup>: 2.3kg / 5.07lbs

### Color

Luna Grey

### Keyboard

1.5mm Key Travel / Backlight: 4-zone RGB or White/ 0.3mm Ditch / 100% Anti-Ghosting / Swappable Key Cap Set (4 Key Caps) / Legion Spectrum RGB Software Support

### Webcam

Built-in Webcam (1080p) with E-Shutter

## CONNECTIVITY

### WLAN

2 x 2 Wi-Fi 6E (802.11 ax)

### Bluetooth

Starting from Bluetooth® 5.1

### Audio

2 x 2W speakers with Nahimic Audio

### I/O (Input/Output) Ports

Left  
1 x USB-C 3.2 Gen 2 (DP1.4, 140W PD, 10Gbps)  
1 x USB-C 3.2 Gen 2 (DP1.4, 10Gbps)  
1 x Audio Combo Jack

### Right

1 x E-Shutter Button  
1 x 4-in-1 SD Card Reader

### Rear

2 x USB-A 3.2 Gen 2  
1 x RJ45  
1 x HDMI 2.1  
1 x DC-in

## PRELOADED SOFTWARE

- Lenovo Vantage
- Tobii Horizon
- McAfee® LiveSafe™
- Microsoft 365 (Trial)
- X-Rite Color Management Tool
- Fn+R: 240Hz/60Hz or 165Hz/60Hz
- Fn+Q: Performance / Quiet / Balance/ Custom Mode



## LEGION ECOSYSTEM



Legion Y27h-30 Monitor



Legion M300 RGB Gaming Mouse



Legion K310 RGB Gaming keyboard



Legion H200 Gaming Headset



Legion Gaming Control Mouse Pad XXL



Legion Active Gaming Backpack

\* Example of Lenovo marketing catalogue naming convention



<sup>1</sup> Actual battery life will vary depending on many factors such as product configuration and usage, software use, wireless functionality, power management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.  
<sup>2</sup> AMD FreeSync™/FreeSync™ Premium/FreeSync™ Premium Pro technology requires AMD Radeon graphics and a display certified by AMD. See [www.amd.com/freesync](http://www.amd.com/freesync) for complete details. Confirm compatibility with your system or display manufacturer before purchase. GD-127  
<sup>3</sup> NVIDIA® GeForce RTX™ 4070 / 4060 / 4050 (125W) only  
<sup>4</sup> NVIDIA® GeForce RTX™ 4050 (100W) only  
<sup>5</sup> Legion Ultimate Support, which utilizes gamer-centric technicians, is currently only available in the United States, Canada, Japan, India, Taiwan, Hong Kong, Singapore, Philippines, Malaysia, Thailand, Vietnam and Korea. Premium Care for Gaming and advanced technicians will be available for the rest of the world. Products and offers are subject to availability. Lenovo reserves the right to alter product offerings and specifications, at any time, without notice. Some markets may not have 24/7 support capability and will follow the best available SLAs.

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