

LEGION Slim 7 (16", 7)



The freedom to form your realities.

AMD is the best mobile gaming experience. Period. That's why the Lenovo Legion Slim 7, AMD Advantage™ Edition flaunts the latest generation AMD Ryzen™ 6000 Series processors and ultra-efficient up to AMD Radeon™ RX 6800S graphics for freaky fast speeds. This is all tied together with AMD SmartShift Max and AMD Smart Access Memory™ technologies for the unparalleled level of performance and efficiency you expect from an all-AMD mobile system. The Slim 7 features our first ever up to 16" WQXGA (2560 x 1600) 240 Hz variable refresh rate display, so you can stream your highlight reel and crush the competition effortlessly. Cool the noise with Legion Coldfront 4.0 technology and a stealth fan system, and enjoy silent striking with a Legion TrueStrike keyboard and per-key RGB. Say hello to a truly next-level gaming experience with ultra-fast DDR5 memory and Gen 4 PCIe SSD, as well as an optional 1080p FHD Webcam. Work or play wherever life takes you with a whopping 99.99Whr capacity battery.

WHY YOU SHOULD BUY THE LENOVO LEGION SLIM 7 (16", 7), AMD ADVANTAGE™ EDITION



Amplified performance

The new AMD Ryzen™ 6000 Series processors and AMD Radeon™ RX 6000S Series mobile graphics enhanced by AMD Smart Access Memory™ and SmartShift technologies are optimized for supercharged gaming performance in a compact form factor.



Premium displays

Get ready for fast-paced gaming action and outstanding visuals on an ultra-fast 16" up to WQXGA (1600p) AMD FreeSync™ Premium display with 240 Hz refresh rate, 3 ms response time and Dolby Vision® support.



Built to game

Enjoy ultimate mobility without sacrificing performance. Premium CNC metal trim chassis goes as thin as 16.9 mm yet comes with a highly efficient and quiet Legion Coldfront 4.0 Thermal system designed to keep the system cool under any workload.



AMD Software

AMD Software: Adrenalin Edition will change the way you game with its powerful array of features that elevate performance and visuals, as well as upgrade your everyday gaming experience - from performance monitoring and tuning to enhanced recording and streaming capabilities.



WWW.LENOVO.COM



Lenovo

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SPECIFICATIONS

Legion Slim 7 16ARH7*

PERFORMANCE

Processor

AMD Ryzen™ 9 6900HX
AMD Ryzen™ 7 6800H
AMD Ryzen™ 5 6600H

Operating System

Windows 11 Pro
Windows 11 Home

Graphics

AMD Radeon™ RX 6800S Graphics
8 GB GDDR6

AMD Radeon™ RX 6600S Graphics
4 GB GDDR6

AMD Smart Technologies

AMD Smart Access Memory™
AMD SmartShift Max

Memory

4800 MHz DDR5
8 GB (On Board) /
16 GB (8 GB On Board & 8 GB Slot) /
24 GB (8 GB On Board & 16 GB Slot)

Storage

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

Battery¹ (99.99Whr / 71Whr)

Up to 10.6 Hours (Target)²

99.99Whr

Battery Support Super Rapid Charge
(also Support Rapid Charge Pro)
10 min. Charge : 30 Whr (3Whr/min.)
30 min. Charge : 0-70% Capacity
80 min. Charge : 0-100% Capacity

71Whr

30 min. Charge : 0-50% Capacity
2 Hours Charge : 0-100% Capacity

Power Adapter

170W Slim Adapter
230W Slim Adapter
135W (Type-C™ Power Delivery)

DESIGN

Display

- 16" WQXGA (2560 x 1600) IPS; 16:10 (165 Hz / 3 ms Response Time / 100% sRGB / 500 nits / Up to VESA DisplayHDR™ 400 Certified / Dolby Vision® Support / AMD FreeSync™ Support³ / TÜV Rheinland® Certified)
- 16" WQXGA (2560 x 1600) IPS; 16:10 (165 ~ 240 Hz VRR / 3 ms Response Time / 100% sRGB / 500 nits / Up to VESA DisplayHDR™ 400 Certified (165Hz) / Dolby Vision® Support / AMD FreeSync™ Support³ / TÜV Rheinland® Certified)
- 16" WUXGA (1920 x 1200); 16:10 (165 Hz / 300 nits / 100% sRGB / AMD FreeSync™ Support³ / Low Blue Light 2.6t bent)

Dimensions (W x D x H)

(mm) : 357.7 x 260 x as thin as 16.9
(inches) : 14.08" x 10.24" x as thin as 0.67"

Weight

Starting at 2.175 kg (4.79 lbs)

Keyboard

1.3 mm / White Backlight / Per Key RGB⁴ / Anti-ghosting

Colors

Storm Grey
Onyx Grey

¹ All battery life claims are approximate and based on results using the MobileMark® 2018 v1.0.2.46 battery life benchmark test. Actual battery life will vary and depends 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.

² Final battery life to be finalized Spring 2022 or Product SS 2022. Testing conducted by Lenovo. AMD has not independently tested or verified this battery life claim.

³ AMD FreeSync™ technology requires AMD Radeon™ graphics and a display that supports FreeSync technology as certified by AMD. AMD FreeSync™ Premium technology adds requirements of mandatory low framerate compensation and at least 120 Hz refresh rate at minimum FHD. See www.amd.com/freesync for complete details. Driver update may be required.

⁴ Optional.

⁵ The actual transfer speed of the USB 3.2 will vary and, depending on many factors, such as the processing capability of host and peripheral devices, file attributes and other factors related to system configuration and your operating environments, will be slower than a speed of 20 Gbit/s.

⁶ Except Japan, India and China.

CONNECTIVITY

Webcam

Built-in HD Webcam (720p) with E-Shutter
Built-in FHD Webcam (1080p) with E-Shutter

WLAN

WiFi 6
WiFi 6E AX 2x2

Audio

2 x 2W Harman® Speaker with Nahimic Audio

I/O (Input/Output) Ports

Left Side

1 x USB Type-C™ (USB 3.2 Gen 2⁵, DisplayPort™ 1.4, 135W Power Delivery)
1 x USB Type-C™ (USB 3.2 Gen 2⁵, DisplayPort™ 1.4, 135W Power Delivery)

Right Side

1 x 4-in-1 SD Card Reader
1 x Audio Jack

Rear

1 x DC-In
1 x USB Type-A 3.2 Gen 2⁵ (5V2A)
1 x USB Type-A 3.2 Gen 2⁵
1 x HDMI™ 2.1

PRELOADED SOFTWARE

- Lenovo Vantage
- Lenovo PC Manager
- McAfee® LiveSafe™
- Lenovo Antivirus
- Microsoft Office Trial⁶
- Power2Go
- AMD Software: Adrenalin Edition
 - Radeon™ Boost
 - Radeon™ Anti-Lag
 - Radeon™ Image Sharpening
 - AMD Link



LENOVO SERVICES

Legion Ultimate Support¹

Our gamer-centric 24/7 support is here to be your META - the Most Effective Tactic Available. Legion Ultimate Support is the extra boost you need to get 100% performance, 100% of the time.

Lenovo Premium Care²

Whether you need setup advice, a quick fix for your internet connection, resolve a software issue, or help to add a printer, Lenovo Premium Care has your back.

Lenovo CO₂ Offset Service

Lenovo CO₂ Offset Service gives consumers a simple and transparent way to offset carbon emissions and help the environment by supporting one of several United Nations Climate Action projects.

Accidental Damage Protection

Drops, bumps, and spills can damage even the most durable and well-engineered tablets, PCs, and Smart Displays. Lenovo's Accidental Damage Protection service

covers accidents beyond the system warranty and protects your devices from non-warranty operational or structural failures incurred under normal operating conditions.

Lenovo Smart Performance Services

Boost your PC and internet performance, fix issues proactively, remove malware, and improve device security with Lenovo Smart Performance Services.

Lenovo Sealed Battery Warranty

Protect your sealed battery from degradation, enjoy hassle-free battery replacement service, and safeguard your PC from future battery failure.

¹ Available in NA, CAP, IN, JP only. Not available in EMEA, ANZ, and LAS.

² Legion Premium Care only available in markets where Legion Ultimate Support is currently not available (EMEA and ANZ).

OPTIONS & ACCESSORIES



Legion
M300s RGB
Gaming Mouse



Legion
H300 Stereo
Gaming Headset



Legion
Active Gaming
Backpack

McAfee® LiveSafe™

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

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

* Example of Lenovo marketing catalogue naming convention

Legion	Slim	7	16	A	R	H	7
Sub-brand	Form Factor	Position	Screen size or volume (litre)	Platform	Generation		



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