

LEGION 5 (15")

PURPOSE-BUILT GAMING PERFORMANCE.

Experience today's top AAA games on the Lenovo™ Legion 5. Inside the clean, minimalist chassis of the Legion 5 is everything you ever need to compete on equal footing with the pros, including the latest generation AMD Ryzen™ processor and NVIDIA® GeForce RTX™ graphics for performance that's AI-optimized by the Legion AI Engine powering the revolutionary Legion Coldfront 3.0 and Q Control. Excel across every AAA title with a 15" FHD display at up to 165 Hz refresh rate, featuring 100% sRGB color accuracy and support for Dolby Vision®, as well as the new Nahimic 3D audio and the legendary Legion TrueStrike keyboard so you can strike with pinpoint precision. Enjoy purpose-built performance on the Legion 5, available in Phantom Blue or Stingray White.

WHY YOU SHOULD BUY THE LENOVO LEGION 5 (15")



Escalate your game

Welcome to next-generation gaming with up to 8 high-performance cores in the AMD Ryzen™ 7 5800H mobile processor, delivering a combination of lightning-fast frame rates with uncompromised battery life.



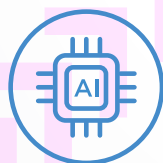
RTX. It's On.

NVIDIA® GeForce RTX™ 30 Series graphics bring 2nd Generation Ray Tracing, 3rd Generation AI Tensor Cores and more for a huge leap in graphical performance.



Fast refresh, deep colors

Legion 5 delivers speed and color clarity for full-fidelity gaming. Enjoy up to 165 Hz refresh rate, <3 ms response time and 100% sRGB all on a 15.6" FHD (1920 x 1080) IPS display.



Boost framerates with the Lenovo Legion AI Engine

Exclusive to Lenovo Legion laptops, the Lenovo Legion AI Engine, a system of AI solutions, dynamically shifts power between the CPU and GPU for more FPS on today's top AAA titles.



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Lenovo™

LEGION 5 (15")

SPECIFICATIONS

Lenovo Legion 5 15ACH6*, Lenovo Legion 5 15ACH6H

PERFORMANCE

Mobile Processor

Up to AMD Ryzen™ 7 5800H

Operating System

Windows 10 Pro
Windows 10 Home

Graphics

NVIDIA® GeForce RTX™ 3070 Laptop GPU
8 GB GDDR6

Listed Boost Clock 1560 MHz,
Maximum Graphics Power 130W¹

NVIDIA® GeForce RTX™ 3060 Laptop GPU
6 GB GDDR6

Listed Boost Clock 1425 MHz, Achieved Boost
Clock 1702, Maximum Graphics Power 130W¹

NVIDIA® GeForce RTX™ 3050 Ti Laptop GPU
4 GB GDDR6

Listed Boost Clock 1485 MHz, Achieved Boost
Clock 1695 MHz, Maximum Graphics Power 95W¹

NVIDIA® GeForce RTX™ 3050 Laptop GPU
4 GB GDDR6

Listed Boost Clock 1500 MHz, Achieved Boost
Clock 1740 MHz, Maximum Graphics Power 95W¹

NVIDIA® GeForce GTX™ 1650 Laptop GPU
4 GB GDDR6

Memory

3200 MHz DDR4 : Up to 32 GB

Storage

M.2 NVMe PCIe SSD: Up to 2 TB

Battery²

Up to 9.29 Hours (Target)³;
Rapid Charge Pro (Supported)⁴

Power Adapter

Starting at 170W Slim Adapter

DESIGN

Display

- 15.6" FHD (1920 x 1080) IPS (165 Hz /
<3 ms Response Time⁵ / 100% sRGB /
300 nits / Dolby Vision® Supported) /
G-Sync/AMD FreeSync™ Premium⁶
- 15.6" FHD (1920 x 1080) IPS (120 Hz /
45% NTSC / 250 nits) /
AMD FreeSync™⁶
- 15.6" FHD (1920 x 1080) IPS (60 Hz /
100% sRGB / 300 nits) /
AMD FreeSync™⁶

Dimensions (W x D x H) (Target)⁷

(mm) : 362.56 x 260.61 x 22.5-25.75
(inches): 14.3" x 10.26" x 0.89"-1.01"

Weight (Target)⁷

Starting at 2.4 kg (5.3 lbs)

Backlit Keyboard

White Backlight
Blue Backlight⁸
4-Zone RGB Backlight⁹

Colors

Phantom Blue
Stingray White⁹



CONNECTIVITY

Webcam

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

WLAN

2x2 WiFi 6 (802.11 ax)

Bluetooth®

Bluetooth® 5.1

Audio

2 x 2W Speakers with Nahimic Audio
for Gamers

I/O (Input/Output) Ports

Left Side

1 x USB Type-C™ (USB 3.2¹⁰ Gen 2,
DisplayPort™ 1.4)
1 x Audio Jack

Right Side

1 x USB 3.2¹⁰ Gen 1
1 x System LED
1 x E-Shutter Button

Rear

3 x USB Type-A 3.2¹⁰ Gen 1
(1 x Always-On 5V)
1 x USB Type-C™ (USB 3.2¹⁰ Gen 2,
DisplayPort™ 1.4, Power Delivery)
1 x HDMI™ 2.1
1 x RJ45 Ethernet
1 x DC-In

PRELOADED SOFTWARE

- Lenovo Vantage
- Lenovo PC Manager
- Lenovo Nerve Center
- McAfee LiveSafe™
- Lenovo Antivirus
- Microsoft Office Trial¹¹
- Power2Go

¹ Supports NVIDIA® Max-Q Technologies: Advanced Optimus, Resizable BAR, Dynamic Boost 2.0.

² 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. Testing by Lenovo.

³ Final battery life to be finalized Spring 2021 or Product SS 2021. Testing by Lenovo. AMD has not independently tested or verified this battery life claim.

⁴ 1 hour 0-80%.

⁵ With Overdrive (OD).

⁶ AMD FreeSync™ technology is supported on the built-in laptop panel, which is enabled by the AMD Ryzen™ processor and the AMD Radeon™ driver. Driver update may be required.

⁷ Final product spec info available Spring 2021.

⁸ Available only on Stingray White version.

⁹ Optional.

¹⁰ 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.

¹¹ Except Japan, India and China.

LENOVO SERVICES

Warranty Upgrades - On-site/ In-Home Service

Maximizes PC uptime and productivity
by providing convenient, fast repair
services in your own home.

Accidental Damage Protection

Avoid the hassles of unexpected
repair costs. Provides coverage for
non-warranted damage incurred under
normal operating conditions, such as
minor spills, drops or damage to the
integrated screen.

Warranty Extensions (1-to-3 Years Total Duration)

This fixed-term, fixed-cost service
helps accurately budget for PC
expenses, protect your valuable
investment and potentially lower the
cost of ownership over time.

* Example of Lenovo
catalogue naming
convention



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