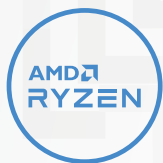


# LEGION 5 (15")

## 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.



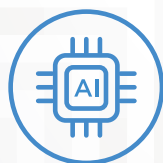
#### RTX. It's On.

NVIDIA® GeForce RTX™ 30 Series graphics bring 2<sup>nd</sup> Generation Ray Tracing, 3<sup>rd</sup> 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.



[WWW.LENOVO.COM](http://WWW.LENOVO.COM)



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 130W<sup>1</sup>

**NVIDIA® GeForce RTX™ 3060 Laptop GPU**  
**6 GB GDDR6**

Listed Boost Clock 1425 MHz, Achieved Boost  
Clock 1702, Maximum Graphics Power 130W<sup>1</sup>

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

Listed Boost Clock 1485 MHz, Achieved Boost  
Clock 1695 MHz, Maximum Graphics Power 95W<sup>1</sup>

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

Listed Boost Clock 1500 MHz, Achieved Boost  
Clock 1740 MHz, Maximum Graphics Power 95W<sup>1</sup>

**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

#### Battery<sup>2</sup>

Up to 9.29 Hours (Target)<sup>3</sup>;  
Rapid Charge Pro (Supported)<sup>4</sup>

#### Power Adapter

Starting at 170W Slim Adapter

### DESIGN

#### Display

- 15.6" FHD (1920 x 1080) IPS (165 Hz / <3 ms Response Time<sup>5</sup> / 100% sRGB / 300 nits / Dolby Vision® Supported) / G-Sync/AMD FreeSync™ Premium<sup>6</sup>
- 15.6" FHD (1920 x 1080) IPS (120 Hz / 45% NTSC / 250 nits) / AMD FreeSync™<sup>6</sup>
- 15.6" FHD (1920 x 1080) IPS (60 Hz / 100% sRGB / 300 nits) / AMD FreeSync™<sup>6</sup>

#### Dimensions (W x D x H) (Target)<sup>7</sup>

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

#### Weight (Target)<sup>7</sup>

Starting at 2.4 kg (5.3 lbs)

#### Backlit Keyboard

White Backlight  
Blue Backlight<sup>8</sup>  
4-Zone RGB Backlight<sup>9</sup>

#### Colors

Phantom Blue  
Stingray White<sup>9</sup>



### CONNECTIVITY

#### Webcam

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

#### WLAN

2x2 WiFi 6 (802.11 ax)

#### Bluetooth<sup>\*</sup>

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 3.2<sup>10</sup> Gen 2,  
DisplayPort™ 1.4)  
1 x Audio Jack

##### Right Side

1 x USB 3.2<sup>10</sup> Gen 1  
1 x System LED  
1 x E-Shutter Button

##### Rear

3 x USB Type-A 3.2<sup>10</sup> Gen 1  
(1 x Always-On 5V)  
1 x USB Type-C™ (USB 3.2<sup>10</sup> 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 Trial<sup>11</sup>
- Power2Go

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

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> 1 hour 0-80%.

<sup>5</sup> With Overdrive (OD).

<sup>6</sup> 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.

<sup>7</sup> Final product spec info available Spring 2021.

<sup>8</sup> Available only on Stingray White version.

<sup>9</sup> Optional.

<sup>10</sup> 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.

<sup>11</sup> 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.

## OPTIONS & ACCESSORIES



Lenovo Legion  
M300 RGB  
Gaming Mouse



Legion H300  
Stereo Gaming  
Headset



Lenovo Legion  
15.6" Recon Gaming  
Backpack

\* Example of Lenovo  
catalogue naming  
convention



WWW.LENOVO.COM

Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo makes every effort to ensure accuracy of all information but is not liable or responsible for any editorial, photographic or typographic errors. All images are for illustration purposes only. For full Lenovo product, service and warranty specifications visit [www.lenovo.com](http://www.lenovo.com). Lenovo makes no representations or warranties regarding third party products or services. ©2021 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, Radeon, FreeSync and combinations thereof, are trademarks of Advanced Micro Devices, Inc. Microsoft and Windows are registered trademarks of Microsoft Corporation in the United States and/or other countries. 3DMark is a registered trademark of Futuremark Corporation. Other names are for informational purposes only and may be trademarks of their respective owners. Other company, product and service names may be trademarks or service marks of others. Visit [www.lenovo.com/lenovo/us/en/safecomp/](http://www.lenovo.com/lenovo/us/en/safecomp/) periodically for the latest information on safe and effective computing. ©2021 Lenovo. All rights reserved.



Lenovo™