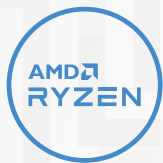


# LEGION 5 (17")

## PURPOSE-BUILT GAMING PERFORMANCE.

Experience today's top AAA games on the Lenovo™ Legion 5. Inside the clean, minimalist chassis of the Legion 5, available in Phantom Blue, 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 17" FHD display at up to 144 Hz refresh rate, featuring 72% NTSC 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.

### WHY YOU SHOULD BUY THE LENOVO LEGION 5 (17")



#### 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.



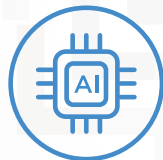
#### RTX. It's On.

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 144 Hz refresh rate, Dolby Vision® support and 72% NTSC, all on a 17.3" 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 (17")

## SPECIFICATIONS

Lenovo Legion 5 17ACH6\*, Lenovo Legion 5 17ACH6H

### 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 16 GB

#### Storage

**M.2 NVMe PCIe SSD** : Up to 1 TB

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

Up to 8.1 Hours (Target)<sup>3</sup>

Rapid Charge Pro (Supported)

#### Power Adapter

Starting at 170W Slim Adapter

### DESIGN

#### Display

1. 17.3" FHD (1920 x 1080) IPS (144 Hz / 72% NTSC / 300 nits / Dolby Vision® Enabled) / AMD FreeSync™ Premium<sup>4</sup>

2. 17.3" FHD (1920 x 1080) IPS (60 Hz / 72% NTSC / 300 nits) / AMD FreeSync™<sup>4</sup>

#### Dimensions (W x D x H) (Target)<sup>5</sup>

(mm) : 398.6 x 290 x 24.3-26.2

(inches) : 15.7" x 11.41" x 0.95"-1.03"

#### Weight (Target)<sup>5</sup>

Starting at 2.98 kg (6.57 lbs)

#### Backlit Keyboard

White Backlight

#### Color

Phantom Blue



### CONNECTIVITY

#### Webcam

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

#### WLAN

2x2 802.11 ax

#### Bluetooth®

Bluetooth® 5.1

#### Audio

2 x 2W Speaker with Nahimic Audio

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

##### Left Side

1 x USB Type-C™ (USB 3.2<sup>6</sup> Gen 2, DisplayPort™ 1.4)

1 x Audio Jack

##### Right Side

1 x USB 3.2<sup>6</sup> Gen 1

1 x Card Reader

1 x E-Shutter Button

##### Rear

3 x USB Type-A 3.2<sup>6</sup> Gen 1 (1 x Always-On 5V)

1 x USB Type-C™ (USB 3.2<sup>6</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>7</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> 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>5</sup> Final product spec info available Spring 2021.

<sup>6</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>7</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



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