

# LEGION 5 Laptop (17")

## MINIMAL MEETS MIGHTY.

Offering a plethora of performance options for any gamer in a clean, minimalist design, the Lenovo™ Legion 5 pairs revolutionary AMD Ryzen™ 4000 Series processors, up to NVIDIA® GeForce RTX™ graphics, 3200 MHz DDR4 memory, M.2 NVMe PCIe SSD storage, all thermally tuned via Legion Coldfront 2.0. Enjoy maximum performance via Dual Burn Support, which pushes the CPU and GPU together for improved framerates. Further the Legion 5 combines blindingly fast refresh rates on a 100% color-accurate 1080p display with hair-trigger inputs via the Legion TrueStrike keyboard with soft-landing switches allowing you to scream past competition and rise the ranks.

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



#### Escalate your game

Welcome to the next-generation of gaming performance with up to AMD Ryzen™ 7 4800H mobile processor, 16 GB 3200 MHz DDR4 memory and 1 TB M.2 NVMe PCIe SSD storage, all optimally cooled via Legion Coldfront 2.0.



#### Uncompromising performance for gamers

The Lenovo Legion 5 Laptop delivers the wins fueled by the revolutionary AMD Ryzen™ 4000 H-Series mobile processors. With up to 8 ultra-responsive cores, get the new standard for gaming performance in innovative, thin and light laptops.



#### 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 WVA display.



#### RTX. It's On.

With up to the latest NVIDIA® GeForce RTX™ graphics behind you, you can enjoy the depth and visual fidelity of real-time ray-tracing. RTX Gaming It's On.



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

Lenovo™

# LEGION 5 Laptop (17")

## SPECIFICATIONS

Lenovo Legion 5 17ARH-05H\*

### PERFORMANCE

#### Mobile Processor

AMD Ryzen™ 7 4800H  
AMD Ryzen™ 5 4600H

#### Operating System

Windows 10 Home or Windows 10 Pro

#### Graphics

NVIDIA® GeForce RTX™ 2060  
NVIDIA® GeForce® GTX 1660 Ti

#### Memory

3200 MHz DDR4 : 8 GB / 16 GB

#### Storage

PCIe SSD<sup>1</sup> : 128 GB / 256 GB / 512 GB / 1 TB

2.5" HDD

5400 RPM : 1 TB

2.5" HDD

7200 RPM : 1 TB

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

~6.1 Hours (80 Wh; 4 Cells)<sup>3</sup>

### DESIGN

#### Display

17.3" FHD (1920 x 1080) WVA  
(144 Hz / 72% NTSC / 300 nits /  
Dolby Vision™ Enabled)

17.3" FHD (1920 x 1080) WVA  
(60 Hz / 72% NTSC / 300 nits)

#### Dimensions (W x D x H)

(mm) : 398.6 x 290 x 24.3 - 26.6  
(inches) : 15.7" x 11.41" x 0.95" - 1"

#### Weight

Starting at 2.98 kg (6.57 lbs)

#### Backlit Keyboard

White Backlight

#### Color

Phantom Black

### CONNECTIVITY

#### Webcam

Built-in HD Webcam (720p)

#### WLAN

2x2 802.11 ax  
2x2 802.11 ac

#### Bluetooth®

Bluetooth® 5.0

#### Audio

2 x 2W Harman Kardon® Speaker System  
with Chamber  
Dolby Atmos® Headphone Support

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

##### Left Side

1 x USB 3.1 Gen 1<sup>4</sup> (Always-On USB 5V)  
1 x Audio Jack

##### Right Side

1 x USB 3.1 Gen 1<sup>4</sup>  
1 x SD Card Reader

##### Rear

1 x USB 3.1 Type-C™  
(USB 3.1 & DisplayPort™)  
2 x USB 3.1 Gen 1<sup>4</sup>  
1 x HDMI™ 2.0  
1 x RJ45 Ethernet  
1 x Kensington® Lock  
1 x DC-In

### PRELOADED SOFTWARE

- Lenovo Vantage
- Lenovo PC Manager
- Lenovo Nerve Center
- McAfee LiveSafe™
- Lenovo Antivirus
- Microsoft Office Trial<sup>5</sup>
- Power2Go



<sup>1</sup> Supports 2 SSD.

<sup>2</sup> All battery life claims are approximate and based on results using the MobileMark® 2018 v10.2.46 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.

<sup>3</sup> Battery test is not fully done yet. Estimated time of arrival (ETA) is E/June.

<sup>4</sup> The actual transfer speed of the USB 3.1 Gen 1 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 5 Gbit/s.

<sup>5</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

Legion	5	17ARH-05
Sub-brand	Position	Screen size or volume (litre)
		Platform (e.g. API = Picasso)
		Generation

#### AMD platform codes

Bristol Ridge-L: ABL, Beema: ABM, Bristol Ridge: ABR, Carizzo-L: ACL, Carizzo: ACZ, Godavari: AGR, Kaveri: AKV, Stoney Ridge: ASR, Stoney Ridge: AST (NB), Summit Ridge: ASU, Raven Ridge: ARR, Picasso: API, Ryzen: ARE, Dali: ADA, Matisse: ARH.



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. ©2020 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, Athlon, Radeon 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. ©2020 Lenovo. All rights reserved.



Lenovo™