

# Lenovo Legion 5i (16", 9)

## Elevate Your Game

The brand-new Legion 5i is your ideal companion, perfectly suited for both thrilling gaming escapades and conquering demanding STEM projects. Fueled by cutting-edge Intel® Core™ 14th gen processors and the sheer power of NVIDIA® GeForce RTX™ 40 Series graphics, it is designed to empower your gaming passions and ace your academic pursuits. The Lenovo AI Engine+ with LA1 AI chip turbocharges your gaming prowess and more. Wave goodbye to overheating woes and noisy fans, thanks to the revolutionary Legion ColdFront Hyper technology, and dive into mesmerizing visuals on the Lenovo PureSight Gaming display. Customize your gaming haven with the dazzling Legion Spectrum 4-zone RGB lighting on the Legion TrueStrike keyboard. All wrapped up in a sleek, portable design.

### WHY YOU SHOULD BUY THE LENOVO LEGION 5i (16", 9)



#### Game Smarter, Not Harder

Reimagine your gaming journey with Lenovo AI Engine+ driven by the LA1 AI chip. Engineered for gamers who savor a hassle-free experience, it simplifies complexity. Flip the Balance Mode switch, and let AI worry about the intricate configurations and find the most optimal settings for you through live system monitoring. No more headaches over fine-tuning CPU and GPU performance - Lenovo's AI Engine+ stands as your steadfast ally, effortlessly unleashing your untapped gaming potential.



#### Heat Off, Game On

Tailored for gamers, the groundbreaking Legion ColdFront Hyper innovative thermal system features fans spinning both inward, working in tandem to efficiently expel hot air from the rear, ensuring uninterrupted gameplay. A dedicated hyperchamber maintains optimal temperatures, delivering 15W more power in Extreme Mode, reducing skin temperature by 2°C, and cutting noise by 2db. Maximize your gaming with the unmatched thermal prowess of the Legion ColdFront Hyper.



#### Pixel Perfect in Every Frame

Unleash the full potential of your Legion 5i with its 16" 16:10 PureSight Gaming display. The WQXGA (2560 x 1600) resolution paints every detail vividly. The rapid 240Hz refresh rate, coupled with NVIDIA® G-SYNC®, ensures ultra-smooth gameplay devoid of stutter or tearing. Revel in the lifelike 100% sRGB color accuracy and 500 nits of brightness, perfectly complemented by VESA DisplayHDR™ 400 certification. To top it off, X-Rite's color calibration guarantees precision across a broad spectrum, immersing you fully in your gaming and creative endeavors.



#### Gear Up, Game On

With Legion accessories, you customize your gear for every gaming journey. From the immersive Legion Y27h-30 monitor to the Legion M300s RGB Gaming Mouse, H200 Gaming Headset, K310 RGB Gaming Keyboard, and Legion Gaming Mouse Pad, craft your ultimate setup. Choose between a full battle station or stay mobile with just the gaming mouse and the Legion Active Gaming Backpack, keeping your gaming prowess on the move. Elevate your gaming experience with accessories that match your style and keep you connected and in control, all powered by Legion.



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**Lenovo**

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## SPECIFICATIONS

Legion 5 16IRX9

### PERFORMANCE

#### Processor

Intel® Core™ i9-14900HX<sup>1</sup>  
Intel® Core™ i7-14700HX  
Intel® Core™ i7-14650HX  
Intel® Core™ i7-13650HX  
Intel® Core™ i5-13450HX

#### Operating System

Windows 11 Pro  
Windows 11 Home

#### Graphics

NVIDIA® GeForce RTX™ 4070 Laptop GPU  
8GB GDDR6 (115W) 2175MHz Boost Clock  
NVIDIA® GeForce RTX™ 4060 Laptop GPU  
8GB GDDR6 (115W) 2370MHz Boost Clock  
NVIDIA® GeForce RTX™ 4050 Laptop GPU  
6GB GDDR6 (115W) 2370MHz Boost Clock

MUX Supported

#### (40 Series) NVIDIA® Supported Technologies:

NVIDIA DLSS 3, NVIDIA Ada Lovelace Architecture, NVIDIA Max-Q Technologies: Advanced Optimus, Optimal Playable Settings, Rapid Core Scaling, CPU Optimizer, Dynamicboost, DLSS and Resizable BAR

#### AI Chip

LA1

#### Memory

8GB / 16GB (1 x 16GB / 2 x 8GB) / 32GB (2 x 16GB)  
4800MHz / 5600MHz DDR5<sup>2</sup>  
2 x SO-DIMM

#### Storage

512GB M.2 2242 PCIe SSD (Gen 4)  
512GB / 1TB M.2 2280 PCIe SSD (Gen 4)

#### Battery

4-cell 80Whr  
Up to 6.5 Hours (Target)<sup>3</sup>  
Super Rapid Charge (30min Charge 0-70% Capacity, 80min Charge 0-100% Capacity)

#### Power Adapter

230W /  
140W (Type-C™ Power Delivery, not included in box)

#### Legion Ultimate Support<sup>4</sup>

Why not start every game with an A-team advantage? Harness the power of elite technicians who speak your language, and defeat bugs or flaws on command. Armed with an arsenal of tips and tricks, they'll help you outwit your competition and go for gold. Our team is here to help you 24/7 via chat, email, or phone. Skip the line and get straight to a real person who knows a gamer's most pressing needs – and meets them with passion and speed.

#### Lenovo Smart Performance

Smart Performance Services within Lenovo Vantage will keep your system running at optimum performance and proactively fix issues that affect PC performance, internet performance, and security.

#### Lenovo Accidental Damage Protection

Avoid the hassles of unexpected damage & repair costs. With coverage for drops, spills, electric surges, and broken LCD screens, accidental damage protection makes it easy to repair to your PCs and ensures your device is up and running fast.

## McAfee® LiveSafe™

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

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

<sup>1</sup>Does not support Intel vPro®

<sup>2</sup>Memory speed depends on the processors: Models with Intel Core 14th Gen Processors run at 5600MHz; Models with 13th Gen Intel Core Processors run at 4800MHz

<sup>3</sup>All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, MobileMark 25, JEITA 2.0, continuous 1080p video playback (with 150nits brightness and default volume level) or Google Power Load Test (PLT) battery-life benchmark tests. Actual battery life will vary depending 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>4</sup>Legion Ultimate Support, which utilizes gamer-centric technicians, is currently only available in the United States, Canada, Japan, India, Taiwan, Hong Kong, Singapore, Philippines, Malaysia, Thailand, Vietnam and Korea. Premium Care for Gaming and advanced technicians will be available for the rest of the world. Products and offers are subject to availability. Lenovo reserves the right to alter product offerings and specifications, at any time, without notice. Some markets may not have 24/7 support capability and will follow the best available SLAs.

### DESIGN

#### Display

16" WQXGA (2560 x 1600) IPS; 16:10 (240 Hz  
5ms/3 ms Response Time w/ OverDrive / 100%  
sRGB / 500 nits/ VESA DisplayHDR™ 400  
Certified / X-Rite Color Management / Dolby  
Vision® / NVIDIA® G-SYNC® / Advanced Optimus/  
TÜV Rheinland® Low Blue Light

16" WQXGA (2560 x 1600) IPS; 16:10 (165 Hz  
5ms / 3 ms Response Time w/ OverDrive / 100%  
sRGB / 300 nits/ X-Rite Color Management  
/ Dolby Vision® / NVIDIA® G-SYNC® /  
Advanced Optimus/  
TÜV Rheinland® Low Blue Light

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

(mm): 359.7 x 262.3 x 19.7-25.2  
(inches): 14.16" x 10.33" x 0.78"-0.99"

#### Weight

Around 2.3kg / 5.1lbs

#### Color

Luna Grey

#### Keyboard

1.5mm Key Travel / Backlight: white or optional  
4-zone RGB / 0.3mm Ditch / 100% Anti-Ghosting  
/ Swappable Key Cap Set (4 Key Caps) / Legion  
Spectrum RGB Software Support

#### Webcam

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



### CONNECTIVITY

#### WLAN

Wi-Fi 6E (802.11 ax)

#### Bluetooth

Starting from Bluetooth® 5.3

#### Audio

2 x 2W Harman® Speaker System  
with Nahimic Audio

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

Left

1 x USB-C 3.2 Gen 2 (DP1.4, 10Gbps)  
1 x USB-C 3.2 Gen 2 (DP1.4, 140W PD, 10Gbps)  
1 x USB-A 3.2 Gen 1 (Always-on 5V2A)  
1 x Audio Combo Jack

Right

2 x USB-A 3.2 Gen 1  
1 x E-Shutter Button  
1 x 3-in-1 MicroSD Card Reader  
1 x RJ45

Rear

1 x DC-in  
1 x HDMI 2.1

### PRELOADED SOFTWARE

- Lenovo Vantage
- McAfee® LiveSafe™
- Microsoft 365 (Trial)
- Xbox Game Pass Ultimate (3-month trial)
- X-Rite Color Management Tool
- Fn+R: 240Hz/60Hz or 165Hz/60Hz
- Fn+Q: Performance / Quiet / Balance/ Custom Mode

### LEGION ECOSYSTEM



Legion  
Y27h-30  
Monitor



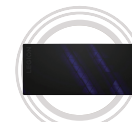
Legion  
M300 RGB  
Gaming Mouse



Legion K310  
RGB Gaming  
Keyboard



Legion H200  
Gaming Headset



Legion Gaming  
Control Mouse  
Pad XXL



Legion Active  
Gaming Backpack

\* Example of Lenovo  
marketing catalogue  
naming convention

Legion

Sub-brand

5 i

Position

1 6 I R X 9

Screen size  
or volume (litre)

Platform

Generation



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