

# Lenovo Legion 7i (16", 9)

## Elevate Your Game

Gaming is more than a hobby; it's a way of life, an endless quest for thrills and adventures with friends. Our brand-new Legion 7i packs the Intel® Core™ 14th gen processors and up to NVIDIA® GeForce RTX™ 4070 graphics, arming you for any gaming challenge. Our ace in the hole? The Lenovo AI Engine+ with LA3 and LA1 AI chips propels your gaming experience to new heights, empowering you to game smart yet pushing boundaries and unlocking your full potential. Worried about overheating? Our cutting-edge Lenovo Legion ColdFront Hyper keeps you cool during marathon sessions. Choose from two display panel options to match your gaming style and creative endeavors. Enjoy a superior typing experience with our signature Legion TrueStrike keyboard with per-key RGB lighting and personalize it via Legion Spectrum to reflect your unique style. All of these are encased in a stealthy and portable design that stands as a testament to your formidable gaming prowess.

### WHY YOU SHOULD BUY THE LENOVO LEGION 7i (16", 9)



#### Game Smarter, Create Better: AI-Tuned Excellence

Step up your game with the AI-tuned Legion 7i and reach new heights. The Legion AI Engine+ with LA3 and LA1 AI chips empowers Adaptive Performance, optimizing CPU, GPU, and memory in real-time for up to 7% better gaming and 24% improved DCC app performance. Smart FPS ensures you play at your best with up to 15% performance gains. No manual settings required—just toggle the switch and embrace effortless excellence.



#### Seize Every Pixel, Embrace Every Game

Enjoy excellence in every detail, whether you're gaming, streaming, or creating content. Choose between two Lenovo Legion PureSight Gaming Display panels: the 3.2K panel with 100% DCI-P3 coverage for clarity and vibrant colors, or the WQXGA (2560 x 1600) panel with a blazing 240Hz refresh rate and 3ms response time for competitive gaming. Both panels offer a sleek 16" bezel-less design and a 16:10 aspect ratio, making visuals truly immersive. With VESA DisplayHDR™ 400 certification and TÜV Rheinland low blue light certification, your eyes are in for a treat.



#### Game Smarter, Game Cooler

The new Legion ColdFront Hyper thermal design features fans spinning inward, eliminating the discomfort of constant hot air blowing onto your hand while gaming. A dedicated sealed chamber maintains optimal system temperatures. Enjoy an extra 25W of power in Extreme Mode, or a 2°C cooler experience and 2db less noise. Dive into your gaming adventures without breaking a sweat, all thanks to the unmatched thermal prowess of the Legion ColdFront Hyper.



#### 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 gaming setup 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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## SPECIFICATIONS

Legion 7 16IRX9

### PERFORMANCE

#### Processor

Intel® Core™ 14th Gen i9-14900HX<sup>1</sup>  
Intel® Core™ 14th Gen i7-14700HX

#### Operating System

Windows 11 Pro  
Windows 11 Home

#### Graphics

NVIDIA® GeForce RTX™ 4070 Laptop GPU  
8GB GDDR6 (130W) 2175MHz Boost Clock  
NVIDIA® GeForce RTX™ 4060 Laptop GPU  
8GB GDDR6 (130W) 2370MHz Boost Clock  
NVIDIA® GeForce RTX™ 4050 Laptop GPU  
6GB GDDR6 (130W) 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 Resizeable BAR

#### AI Chip

LA1+LA3

#### Memory

16GB (2 x 8GB) / 32GB (2 x 16GB)  
5600MHz DDR5  
2 x SO-DIMM

#### Storage

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

#### Battery

4-cell 99.99Whr  
Up to 8.7 Hours (Target)<sup>2</sup>  
Super Rapid Charge (30min Charge 0-70% Capacity, 80min Charge 0-100% Capacity)

#### Power Adapter

230W Slim Adapter  
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>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>3</sup>White keyboard backlight only available on Eclipse Black Models

<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.



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### DESIGN

#### Display

16" 3.2K (3200 x 2000) IPS; 16:10 (165Hz / 3ms Response Time w/ OverDrive / 100% DCI-P3 / 430 nits/ X-Rite Color Management / Dolby Vision® / NVIDIA® G-SYNC® / Advanced Optimus/ TÜV Rheinland® Low Blue Light

16" WQXGA (2560 x 1600) IPS; 16:10 (240 Hz / 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

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

(mm): 357.7 x 262.5 x 17.6-19.8  
(inches): 14.08" x 10.33" x 0.69"-0.78

#### Weight

≤ 2.24 kg/ 4.94lbs

#### Color

Eclipse Black  
Glacier White

#### Keyboard

1.5mm Key Travel / Backlight: Per Key RGB or White<sup>3</sup> / 0.3mm Ditch / 100% Anti-Ghosting / Swappable Key Cap Set (4 Key Caps) / Legion Spectrum RGB Software Support

#### Webcam

Built-in Webcam (1080p) with E-Shutter and Tobii Horizon Support

### CONNECTIVITY

#### WLAN

Wi-Fi 7  
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 Side  
1 x USB-A 3.2 Gen 1 (Always-on)  
1 x USB-C 3.2 Gen 2  
1 x Thunderbolt 4 (DP1.4, 140W PD, 40Gbps)  
1 x Audio Combo Jack  
Right Side  
1 x USB-A 3.2 Gen 1  
1 x E-Shutter Button  
1 x USB-C 3.2 Gen 2 (DP 1.4, 140W PD, 10Gbps)  
1 x 4-in-1 SD Card Reader  
Rear  
1 x HDMI 2.1  
1 x DC-in

### PRELOADED SOFTWARE

- Lenovo Vantage
- Tobii Horizon
- McAfee® LiveSafe™
- Microsoft 365 (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



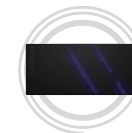
Legion M300 RGB Gaming Mouse



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

7 i  
Position

16 I R X 9  
Screen size or volume (litre) Platform Generation



Lenovo