

LEGION Slim 7i (16", 7)

The freedom to form your worlds.

Enjoy ultimate gaming freedom on the Legion Slim 7i with a sleek aerospace-grade metal design that packs in up to 12th Generation Intel® Core™ i9 H Series processors and full-powered NVIDIA® GeForce RTX™ 3070 graphics. Opt for the 1080p FHD webcam and revel in the Legion TrueStrike keyboard with per-key RGB powered by Legion Spectrum for staggering next-gen gaming. We've thrown in DDR5 and Gen 4 PCIe SSD storage and the world's largest legal capacity battery at 99.99Whr, plus Legion Coldfront 4.0 technology with a stealth fan system for killer quiet campaigning and creating. This one is for the go-getters, the gamers, the creators - this is the Legion Slim 7i available in Storm or Onyx Grey.

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



Desktop-caliber gaming happens with Intel®

Take a revolutionary leap into real-world hybrid performance with 12th Generation Intel® Core™, an innovative design that distributes processing power to where you need it most*.



NVIDIA® GeForce RTX™ 30 series laptop GPUs power the world's fastest laptops

Ray Tracing, Tensor Cores, Supercharged with new Max-Q Technologies. Fully powered NVIDIA® GeForce RTX™ graphics.



Seamlessly sleek

Forged from anodized aluminum with a CNC metal trim and packed with the world's largest battery on a 16" gaming laptop, the Legion Slim 7i is the definition of mobility.



The world's first just got better

Immerse yourself with a 16" 16:10 WQXGA (2560 x 1600) display with high dynamic range, breathtaking color accuracy and fast refresh rates.



* As compared to previous generation.



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SPECIFICATIONS

Legion Slim 7 16IAH7*

PERFORMANCE

Processor

12th Generation Intel® Core™ i9-12900HK
12th Generation Intel® Core™ i7-12700H
12th Generation Intel® Core™ i5-12500H

Operating System

Windows 11 Pro
Windows 11 Home

Graphics

NVIDIA® GeForce RTX™ 3070; 8 GB GDDR6 (100W TGP, Listed Boost Clock: 1410 MHz)
NVIDIA® GeForce RTX™ 3060; 6 GB GDDR6 (100W TGP, Listed Boost Clock: 1605 MHz)
NVIDIA® GeForce RTX™ 3050 Ti; 4 GB GDDR6 (95W TGP, Listed Boost Clock: 1695 MHz)

Max-Q Technologies

Advanced Optimus, Optimal Playable Settings, Rapid Core Scaling, CPU Optimizer, Dynamic Boost, DLSS, and Resizeable BAR

Memory

4800 MHz DDR5
8 GB (On Board) /
16 GB (8 GB On Board & 8 GB Slot) /
24 GB (8 GB On Board & 16 GB Slot)

Storage

PCIe SSD (Gen 4)
512 GB / 1 TB / 2 TB²

Battery³ (99.9Whr / 71Whr)

Up to 12 Hours (Target)⁴

99.9Whr

Supports Super Rapid Charge (also Rapid Charge Pro)
10 min. Charge : 30Whr (3Whr/min.)
30 min. Charge : 0-70% Capacity
80 min. Charge : 0-100% Capacity

71Whr

Supports only Rapid Charge Pro
30 min. Charge : 0-50% Capacity
2 Hours Charge : 0-100% Capacity

Power Adapter

170W/230W Slim Adapter⁵
230W Slim Adapter⁶
135W (Type-C™ Power Delivery)

LENOVO SERVICES

Legion Ultimate Support⁷

Legion Ultimate Support is here to be your META - Most Effective Tactic Available. With one single point of contact, get 24/7 gamer-centric support from a team of IT experts who are gaming specialists and can help optimize your hardware & software settings to keep you productive all day and unbeatable at night.

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.

Lenovo Sealed Battery

Long-lasting battery life is not just a feature but a necessity to help you stay productive and connected all day long. Protect your PC's sealed battery from degradation, enjoy hassle-free

battery replacement service, and safeguard your PC from future battery failure with our Sealed Battery Warranty Service.

Lenovo Warranty Extensions (Up to 3 years duration)

Gain complete peace of mind by extending your base warranty to up to 3 years and minimize unexpected repair costs.

Lenovo CO₂ Offset Services

Now give back to the environment in a tangible way! Lenovo CO₂ Offset Service gives you a simple and transparent way to offset carbon emissions and help the environment by supporting one of several United Nations Climate Action projects, including those that help to improve renewable energy, reduce air pollution, or enhance safe waste disposal, all of this at just the click of a button.

Legion Arena

The Legion Arena app lets you access all your games no matter where you purchased from, see what games other Arena users are playing, and earn rewards and achievements for how you play. Stop switching between different apps to find what you want to play - they all have a new home inside Legion Arena.

* Available in NA, CAP (except South Korea), IN, JP only. Not available in EMEA, ANZ, and LAS.



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DESIGN

Display

- 16" WQXGA (2560 x 1600) IPS; 16:10 (165 Hz / 3 ms Response Time / 100% sRGB / 500 nits / Up to VESA DisplayHDR™ 400 Certified / Dolby Vision® Support / NVIDIA® G-SYNC® Support / TÜV Rheinland® Certified)
- 16" WQXGA (2560 x 1600) IPS; 16:10 (165 - 240 Hz VRR / 3 ms Response Time / 100% sRGB / 500 nits / Up to VESA DisplayHDR™ 400 Certified (165Hz) / Dolby Vision® Support / NVIDIA® G-SYNC® Support / TÜV Rheinland® Certified)
- 16" WUXGA (1920 x 1200) 16:10 (165 Hz / 300 nits / 100% sRGB / NVIDIA® G-SYNC® Support / Dolby Vision® Support / Low Blue Light 2.6t Bent)

Dimensions (W x D x H)

(mm) : 357.7 x 260 x as thin as 16.9
(inches) : 14.08" x 10.24" x as thin as 0.67"

Weight

Starting at 2.175 kg (4.79 lbs)

Keyboard

1.3 mm / White Backlight / Per Key RGB⁷

Colors

Storm Grey
Onyx Grey

CONNECTIVITY

Webcam

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

WLAN

Intel® Killer™ WiFi 6E AX1690i Dual Radio
2x2 Intel® Killer™ WiFi 6E AX1675i
2x2 Intel® WiFi 6E (802.11 ax)
2x2 Intel® WiFi 6 (802.11 ax)

Audio

2 x 2W Harman® Speaker with Nahimic Audio

I/O (Input/Output) Ports

Left Side

1 x Thunderbolt™ 4 (USB 4, DP 1.4, 135W PD)
1 x USB Type-C™ (USB 3.2 Gen 2⁸, DisplayPort™ 1.4, 135W Power Delivery)

Right Side

1 x 4-in-1 SD Card Reader
1 x Audio Jack

Rear

1 x USB Type-A 3.2 Gen 1⁸ (5V2A)
1 x USB Type-A 3.2 Gen 1⁸
1 x USB Type-A 3.2 Gen 2⁸
1 x HDMI™ 2.1
1 x DC-in

PRELOADED SOFTWARE

- Lenovo Vantage
- Lenovo PC Manager
- McAfee® LiveSafe™
- Lenovo Antivirus
- Microsoft Office Trial⁹
- Power2Go

¹ Boosted TGP listings are reference only, and subject to final Lenovo Testing Results to ensure accuracy. Final performance numbers to be updated Early 2022 and can be found on www.lenovo.com/legion.

² Tech ready.

³ 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.

⁴ Final battery life to be finalized Spring 2022 or Product SS 2022.

⁵ Only for 3050 Ti.

⁶ For 3060 Max-P / 3070 Max-Q.

⁷ Optional.

⁸ 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.

⁹ Except Japan, India and China.

OPTIONS & ACCESSORIES



Legion
M300s RGB
Gaming Mouse



Legion
H300 Stereo
Gaming Headset



Legion
Active Gaming
Backpack

McAfee® LiveSafe™

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

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

* Example of Lenovo marketing catalogue naming convention

Legion	Slim	7	16 I A H 7
Sub-brand	Form Factor	Position	Screen size or volume (litre) Platform Generation



Lenovo