

LEGION 7i (16", 7)

The world's most powerful 16" gaming laptop.

The next-gen of laptop gaming technology is here. The Legion 7i rocks up to the latest 12th Generation Intel® Core™ i9 HX Series Processors and full-powered NVIDIA® GeForce RTX™ 3080 Ti Graphics for mesmerizing speeds. An industry-unmatched 16" WQXGA display with up to a 240 Hz variable refresh rate gives you serious gaming. Next-gen DDR5 Memory and Gen 4 PCIe SSD Storage make the mix on this next-gen machine wielding a crystal-clear 1080p FHD Webcam and Tobii Horizon support. Legion Coldfront 4.0 with a stealth fan system and Vapor Chamber technology keeps it ice-cold and quiet as can be for an immersive experience. The Legion TrueStrike keyboard is precision-perfect for frame-perfect activations, now offering per-key RGB powered by Legion Spectrum and the choice of WASD Force Sensors. Shrouded in aerospace grade metal, adorned with environmental RGB system, available in Storm Grey.

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



A revolutionary leap in performance with 12th generation Intel® Core™ processors

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*.



Fully powered 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.



Next-gen cooling. Next-level framerates.

Ice-cold Legion Coldfront 4.0 thermal systems and Vapor Chamber technology with support for over 175W thermal capacity is here.



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.



LEGION 7i (16", 7)

SPECIFICATIONS

Legion 7 16IAX7*

PERFORMANCE

Processor

12th Generation Intel® Core™ i9-12900HX
12th Generation Intel® Core™ i7-12800HX

Operating System

Windows 11 Pro
Windows 11 Home

Graphics

NVIDIA® GeForce RTX™ 3080 Ti; 16 GB GDDR6 (175W TGP, Listed Boost Clock: 1590 MHz)¹
NVIDIA® GeForce RTX™ 3070 Ti; 8 GB GDDR6 (125W TGP, Listed Boost Clock: 1485 MHz)¹

Max-Q Technologies

Advanced Optimus, Optimal Playable Settings, Rapid Core Scaling, CPU Optimizer, Dynamic Boost, DLSS and Resizable Bar

Memory

4800 MHz DDR5
16 GB (2 x 8 GB) / 32 GB (2 x 16 GB)
5600 MHz OC Memory²
32 GB (2 x 16 GB)

Storage

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

Battery³ (99.9Whr)

Up to 10 Hours (Target)⁴
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

Power Adapter

300W Slim Adapter
135W (Type-C™ Power Delivery)



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% RGB / 500 nits / Up to VESA DisplayHDR™ 400 Certified / Dolby Vision® Support / NVIDIA® G-SYNC® Support / TÜV Rheinland® Certified)

Dimensions (W x D x H)

(mm) : 358.1 x 263.5 x as thin as 19.4
(inches) : 14.1" x 10.37" x as thin as 0.76"

Weight

Below 2.5 kg (5.5 lbs)

Keyboard

1.5 mm / Per Key RGB / 0.2 mm Ditch / 100% Anti-ghosting / WASD Force Sensors / Switchable Set (4 Keycaps)

Color

Storm Grey

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 Optional.

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 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.

⁶ Except Japan, India and China.

CONNECTIVITY

Webcam

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

WLAN

Intel® Killer™ WiFi 6E AX1690i Dual Radio
2x2 Intel® Killer™ WiFi 6E AX1650
2x2 Intel® WiFi 6E (802.11 ax)

Audio

2 x 2W Harman® Super Linear Speaker System and Smart Amp with Nahimic Audio

I/O (Input/Output) Ports

Left Side

2 x Thunderbolt™ 4 (USB 4, DisplayPort™ 1.4)

Right Side

1 x USB Type-C™ (USB 3.2 Gen 1⁵)
1 x E-Shutter Switch
1 x Audio Combo Jack

Rear

2 x USB Type-A 3.2 Gen 1⁵ (1 x Always-On 5V)
1 x USB Type-C™ (USB 3.2 Gen 2⁵, DisplayPort™ 1.4, PD up to 135W)
1 x HDMI™ 2.1
1 x RJ45 Ethernet (2.5G)
1 x DC-In

PRELOADED SOFTWARE

- Lenovo Vantage
- Lenovo PC Manager
- Tobii Horizon
- Tobii Aware
- McAfee® LiveSafe™
- Lenovo Antivirus
- Microsoft Office Trial⁶
- Power2Go



LENOVO SERVICES

Legion Ultimate Support[†]

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.

OPTIONS & ACCESSORIES



Lenovo M300s RGB Gaming Mouse



Lenovo H300 Stereo Gaming Headset



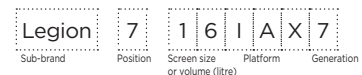
Lenovo Active Gaming Backpack

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



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