

Lenovo Legion 7i (16", 10)

Fuel Your Future. Power Your Passions.

Fuel your future and power your passions with the Legion 7i, available in stunning Glacier White. Designed for gamers in top STEM fields worldwide, the Legion 7i delivers cutting-edge AI-tuned technology to power through games, streams, and everything in between. Equipped with the latest Intel® Core™ Ultra processors, 50 Series NVIDIA® GeForce RTX™ graphics, and Lenovo AI Engine+ with a dedicated Lenovo AI Core (LA1+LA3), the Legion 7i maximizes FPS, enhances streams, and speeds through STEM projects with ease. Seamlessly engineered to stay cool and quiet, it's powered by Legion Coldfront: Hyper. The Lenovo PureSight OLED gaming display offers breathtaking visuals, low latency, and precise color accuracy while extending battery life. Legion Space introduces a new software suite with integrated AI experiences. Thinner, lighter, and built for STEM students on the go, the Legion 7i is the perfect companion for all your pursuits.

WHY YOU SHOULD BUY THE LENOVO LEGION 7i (16", 10)



True-to-Life Colors. Lenovo PureSight OLED Gaming Display

Enjoy high-fidelity gaming, precise color accuracy, and extended battery life with Lenovo PureSight OLED displays. Fast response times, flexible refresh rates, and AI-driven adjustments keep your visuals sharp and smooth. Anti-Burn-In Technology ensures long-lasting performance.



Thermal Performance For All Your Passions. Legion Coldfront: Hyper

Legion Coldfront: Hyper keeps your system cool with turbo fans, 3D heat pipes, and AI tuning. Switch modes with Fn+Q, while Acoustic AI Sound Sync adjusts performance for seamless gaming and STEM work.



AI Tuned for Gaming, Streaming and STEM

Boost FPS, stream smoothly, and accelerate STEM projects with Lenovo AI Engine+ powered by Lenovo AI Core (LA1+LA3). Using scenario detection in Balance and Performance modes, it dynamically optimizes settings for games and apps. Easily managed through Legion Space, enjoy AI-tuned performance for both gaming and STEM work.



Introducing Legion Space: Your New Software Experience

Legion Space is a dynamic software suite preloaded on Lenovo gaming devices, offering AI-powered cross-device experiences. Manage device settings, display game libraries, access exclusive deals, and connect Legion accessories, all in one place. Gaming Zone provides eSports players, content creators, and student gamers with personalized tools like Game Coach, Game Clip Master, and Game Companion.



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Lenovo

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SPECIFICATIONS

Legion 7i 16IAX10

PERFORMANCE

Processor

Intel® Core™ Ultra 9 275HX
Intel® Core™ Ultra 7 255HX

Operating System

Windows 11 Pro / Windows 11 Home / No OS

Graphics

NVIDIA® GeForce RTX™ 5070 Laptop GPU / 8GB GDDR7 / 115W incl. 15W Boost / 2347MHz Boost Clock / Up to 798 AI TOPS
NVIDIA® GeForce RTX™ 5060 Laptop GPU / 8GB GDDR7 / 115W incl. 15W Boost / 2497MHz Boost Clock / Up to 572 AI TOPS

MUX Supported

(50 Series) NVIDIA® Supported Technologies:

NVIDIA DLSS 4, NVIDIA Reflex 2, NVIDIA Broadcast, Resizable BAR, NVIDIA Ansel, NVIDIA Freestyle, NVIDIA Shadowplay, NVIDIA Highlights, NVIDIA G-SYNC®, NVIDIA Omniverse, RTX Remix, NVIDIA GPU Boost™, Vulkan RT API, OpenGL 4.6, NVIDIA Encoder (3x Ninth Generation), NVIDIA Decoder (2x Sixth Generation), CUDA Capability (12.8)

AI Chip

Lenovo AI Engine+Support / LA1 + LA3

Memory¹

32GB (2x 16GB) 6400 MT/s DDR5
32GB (2x 16GB) 5600 MT/s DDR5
16GB (1x 16GB) 5600 MT/s DDR5

Storage¹

2TB (2x 1TB) M.2 2242 PCIe SSD (Gen 4)
1TB M.2 2242 PCIe SSD (Gen 4)

Cooling

Legion Coldfront: Hyper

Battery: Rechargeable Li-ion Battery

84Whr Rapid Charge Pro (0-50% in 30 mins, 100% in 120 mins)

Power Adapter

245W (rectangle connector)

DESIGN

Display

16" WQXGA (2560 x 1600) OLED; 16:10 (240 Hz VRR / <1ms Response Time / 100% DCI-P3 / 500 nits / Up to VESA Trueblack 1000 Certified / Dolby Vision® Support / NVIDIA G-SYNC® Support / TÜV Rheinland® Certified / X-Rite™ Certified)

16" WQXGA (2560 x 1600) OLED; 16:10 (165 Hz VRR / <1ms Response Time / 100% DCI-P3 / 500 nits / Up to VESA Trueblack 1000 Certified / Dolby Vision® Support / NVIDIA G-SYNC® Support / TÜV Rheinland® Certified / X-Rite™ Certified)

Dimensions (W x D x minH-maxH)

(inches): 14.24 x 10.37 x 0.63-0.70
(mm): 361.7 x 263.4 x 15.9-17.9

Weight

Less than 4.52 lbs (-2.0 kg)

Color

Glacier White

Keyboard

1.6mm / .3mm Dish / Per Key RGB / 100% Anti-Ghosting / Lenovo Spectrum RGB Software Support

Webcam

Built-in 5MP Webcam with IR & E-Shutter / Windows Hello ready

CONNECTIVITY

WLAN & Bluetooth

Wi-Fi® 7 (802.11be) 2x2 160Mhz with Bluetooth® 5.4

Audio

2x 2W Speaker System with Nahimic Audio (Audio by Harman®)

I/O (Input/Output) Ports

Left side:

1x USB Type-C® (USB 3.2 10Gbps with Power Delivery 3.0 65W-100W / DP 2.1)
1x USB Type-C® (Thunderbolt™ 4 40Gbps with Power Delivery 3.0 65W-100W / DP 2.1)
1x USB Type-A (USB 3.2 5Gbps Always-on 5V2A)
1x Audio Combo Jack

Right side:

1x USB Type-A (USB 3.2 5Gbps)
1x SD 4.0 Reader
1x E-Shutter Button

Rear:

1x HDMI® 2.1
1x DC-IN

PRELOADED SOFTWARE

- Legion Space
- McAfee® LiveSafe™
- Lenovo Vantage
- Gaming Zone
- X-Rite™ Color Assistant
- Microsoft 365 Trial
- Dolby Vision
- Smart Connect

AVAILABLE SERVICES (purchased separately)

Legion Ultimate Support²

Excel at any level with top-tier power players in your corner. Our dedicated experts from Legion Ultimate Support equip you with fast remote solutions as well as hands-on repairs. Gaming late into the night? They'll be up to help you via chat, email, or call. Alternatively, you can send your device to us hassle-free and at no extra cost.

Lenovo Smart Performance

Nobody can tune your PC better than the people who made it. Get the most from your device with Lenovo Smart Performance that automatically scans and resolves performance and security issues in minutes, helping ensure your PC stays in top-notch condition.

Lenovo Accidental Damage Protection

We all know the drill: spilt wine, spilt milk or an accidental fall or crash situation - the unexpected is bound to happen, even to exceptionally engineered PCs. With Lenovo's Accidental Damage Protection enjoy complete peace-of-mind knowing that your PC is fully protected against non-warranty damages.

Lenovo Sealed Battery Warranty

Long-lasting battery life is not just a feature but a necessity to help you stay productive and connected. 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 CO₂ Offset Service

Lenovo offers a simple and transparent way to help offset the estimated carbon emissions associated with your device. Lenovo's CO₂ Offset Service estimates the realistic carbon emissions linked to a device across its average lifecycle -- from manufacture to shipping, typical usage, and end-of-life -- and offsets such emissions by purchasing credits to support climate action projects verified by independent third-party organizations such as United Nations, CDM, Gold Standard®, and Climate Action Reserve.

McAfee® LiveSafe™

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

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


¹ Available user storage and internal memory is less due to operating system, software and other functions utilizing part of this capacity; may change with software updates.
² 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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* Example of Lenovo marketing catalogue naming convention




Legion
R34w-30
Monitor




Legion
M300s RGB
Gaming Mouse




Legion K310
RGB Gaming
keyboard



Legion
H300 Gaming
Headset



Legion 16"
Gaming Backpack
GB400



Legion
Glasses
Gen2

Legion	7	i	1	6	I	A	X	1	0
Sub-brand	Position	Screen size or volume (litre)	Platform	Generation					

