

Lenovo Legion Pro 7i (16",10)

Out-Play. Out-Perform. Out-Pro.

The Legion Pro 7i is a true desktop replacement, designed for eSports grandmasters who also demand high FPS in AAA games. Powered by Intel® Core™ Ultra processors and 50 Series NVIDIA® GeForce RTX™ graphics, it delivers elite performance. Legion Coldfront: Vapor, featuring an integrated Hyper Chamber system, combines turbo-charged fans with a 250W Vapor Chamber for peak cooling. Rear RGB vents and strategically placed side ports enhance airflow away from you, reducing noise levels for a quieter, more focused eSports experience. Lenovo AI Engine+ optimizes performance in real time, while the Lenovo PureSight OLED gaming display fast refresh rates and low latency. With an aerospace-grade aluminum build, RGB front and tailgate lighting, Legion TrueStrike keys, and Legion Space for custom overclocking and AI-driven game coaching, the Legion Pro 7i is built for elite esports.

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



The Ultimate Performance for Gamers

Experience next-level gaming and productivity with Intel® Core™ Ultra processors. Enjoy ultra-smooth gameplay, seamless multitasking, and AI-accelerated creative tasks. Connect all peripherals with Thunderbolt™ 4, and boost unplugged playtime with cooler, quieter performance for gaming, streaming, and creating.



Game Changer

Powered by NVIDIA Blackwell, GeForce RTX™ 50 Series Laptop GPUs bring game-changing AI capabilities to gamers and creators. Multiply performance with NVIDIA DLSS 4, generate images at unprecedented speed, and unleash your creativity with NVIDIA Studio.



Unlock Seamless Control and AI-Powered Gaming with Legion Space

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. The Gaming Zone provides eSports players, content creators, and student gamers with personalized tools like Game Coach, Game Clip Master, and Game Companion.



Legion Coldfront: Vapor with Integrated Hyper Chamber

Advanced 250W Vapor Chamber with integrated Hyper Chamber technology pushes your system to blast through high FPS competitive games with ease, all while quieter with AI sound sync technology.



Lenovo PureSight OLED Gaming Display

Experience the OLED competitive edge to detect enemies in dim environments with industry-leading low latency and high refresh rate technology, all with breathtaking high-fidelity visuals and Smart Shift AI Technology for panel longevity.



Lenovo Legion Pro 7i (16", 10)

SPECIFICATIONS

Legion Pro 7 16IAX10H

PERFORMANCE

Processor

Intel® Core™ Ultra 9 275HX

Operating System

Windows 11 Pro / Windows 11 Home / No OS

Graphics

NVIDIA® GeForce RTX™ 5090 Laptop GPU / 24 GB GDDR7 / 256-bit / 175W incl. 25W Boost / Up to 1824 AI TOPS / 10496 CUDA Cores
NVIDIA® GeForce RTX™ 5080 Laptop GPU / 16 GB GDDR7 / 256-bit / 175W incl. 25W Boost / Up to 1334 AI TOPS / 7680 CUDA Cores
NVIDIA® GeForce RTX™ 5070 Ti Laptop GPU / 12 GB GDDR7 / 192-bit / 140W incl. 25W Boost / Up to 992 AI TOPS / 5888 CUDA Cores

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

64GB (2x 32GB) 6400 MT/s DDR5 Memory
32GB (2x 16GB) 6400 MT/s DDR5 Memory

Storage¹

2TB M.2 2280 PCIe SSD (Gen 5)
1TB M.2 2280 PCIe SSD (Gen 5)
2TB (2x 1TB) M.2 2280 PCIe SSD (Gen 4)
2TB (2x 1TB) M.2 2242 PCIe SSD (Gen 4)
1TB M.2 2280 PCIe SSD (Gen 4)
1TB M.2 2242 PCIe SSD (Gen 4)

Battery

99.9Whr Super Rapid Charge
80Whr Super Rapid Charge

Cooling

Legion ColdFront: Vapor with Integrated Hyper Chamber

Power Adapter

400W (rectangle connector)

DESIGN

Display

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

Dimensions (W x D x minH-maxH)

(inches): 14.35 x 10.9 x 0.86-1.05
(mm): 364.378 x 275.94 x 21.9-26.65

Weight

Starting at -5.99 lbs (-2.72kg)

Color

Eclipse Black

Keyboard

1.6mm / Per Key RGB / .3mm Dish / 100% Anti-Ghosting / WASD Swappable Set (4 Key Caps) / Lenovo Spectrum RGB Software Support

Webcam

Built-in 5MP Webcam with E-Shutter (or 720p option)



CONNECTIVITY

WLAN & Bluetooth

Wi-Fi® 7 (802.11be) 2x2 320Mhz with Bluetooth® 5.4

Audio

4-Speaker System with Nahimic Audio

I/O (Input/Output) Ports

Left Side:

1x USB Type-C® with Power Delivery (140W / DP 2.1)
1x USB Type-C® (Thunderbolt™ 4 40Gbps / DP 2.1)
1x HDMI® 2.1
1x USB Type-A (3.2 Gen 2 5V2A)
1x DC-IN

Right Side:

2x USB Type-A (3.2 Gen 1)
1x Audio Combo Jack
1x RJ45
1x E-Shutter Button

PRELOADED SOFTWARE

- Legion Space
- McAfee® LiveSafe™
- Lenovo Antivirus
- Power2Go
- X-Rite™ Color Management Tool
- Microsoft Office Trial



LEGION ECOSYSTEM



Legion Pro 34WD-10 Monitor



Legion M410 Wireless RGB Gaming Mouse



Legion K510 Mini Pro Gaming Keyboard



Legion H410 Wireless Headset



Legion Gaming Speed Mouse Pad XL



Legion 16" Functional Gaming Backpack GB700



Legion Glasses Gen2

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, assuring your PC stays in top-notch condition just like the first day you got it.

Lenovo Accidental Damage Protection

We all know the drill: spilt wine, spilled 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.

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

¹Available 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.

²Legion 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.



WWW.LENOVO.COM

* Example of Lenovo marketing catalogue naming convention

Legion Pro 7i | 16 I A X 1 0 H |

Sub-brand Position Screen size Platform or volume (litre) Generation

Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo makes every effort to ensure accuracy of all information but is not liable or responsible for any editorial, photographic or typographic errors. All images are for illustration purposes only. For full Lenovo product, service and warranty specifications visit www.lenovo.com. Lenovo makes no representations or warranties regarding third party products or services. **Trademarks:** The following are trademarks or registered trademarks of Lenovo: Lenovo, the Lenovo logo, Legion, the "O" design and PureSight. Intel, Intel Logo and Intel Core are trademarks of Intel Corporation in the U.S. and/or other countries. NVIDIA, GEFORCE and RTX are trademarks of NVIDIA Corporation, Inc. Dolby & Dolby Vision are registered trademarks of Dolby Laboratories Licensing Corporation. Manufactured under license from Dolby Laboratories. TÜV is a registered trademark of the TÜV Rheinland Group. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. Wi-Fi is a trademark of Wi-Fi Alliance. The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Lenovo is under license. All other trademarks are the property of their respective owners. Visit www.lenovo.com/lenovo/us/en/safecom/ periodically for the latest information on safe and effective computing. ©2025 Lenovo. All rights reserved.



Lenovo