

Lenovo Legion Pro 7i (16",9)

eSports excellence, AI Powered to conquer your arena

AI powered via Lenovo AI Engine+ unleashes a future-proof and uniquely Legion performance for competitive gamers. The Legion Pro 7i flaunts fully-powered Intel® Core™ 14th generation processors and 40 Series NVIDIA® GeForce RTX™ Graphics for searing processing power. The all-new Legion ColdFront: Vapor means vapor chamber cooling, expanded intelligent intake, and an upgraded fan and exhaust system with customized fan curve control to keep things cool while you game competitively, on a massive up to 99.99Whr battery. The proprietary Lenovo PureSight 16 WQXGA 16:10 Gaming Display with high variable refresh rates, alongside a Legion TrueStrike keyboard with per-key RGB powered by Lenovo Spectrum, ensures that you are fully immersed in your game. Now with an improved sustainable design forged from recycled aluminum and magnesium, cast in a fittingly-styled Eclipse Black, the Legion Pro 7i is the next generation of performance, power, and design.

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



Go beyond performance with Intel® Core™ 14th Gen processors

Be everything you want to be, in-game and out with optimized performance and new features. Play harder and work smarter with Intel® Core™ 14th Gen processors.



Fully Powered NVIDIA® GeForce RTX™ Graphics Cards. Beyond Fast.

Ray Tracing, Tensor Cores, AI supercharged with DLSS 3 technology. Fully powered NVIDIA® GeForce RTX™ Graphics.



Smarter Gaming. Higher Framerates. Lenovo AI Engine+

The Lenovo AI Engine+ and Legion ColdFront: Vapor cooling system, AI augments the Legion Pro Series to boost FPS for the ultimate competitive advantage.



A Display Born To Compete

Obliterate the competition in stunning detail on a massive 16" 16:10 WQXGA (2560 x 1600) display with up to 240hz of variable refresh rates.



Lenovo Legion Pro 7i (16", 9)

SPECIFICATIONS

Legion Pro 7 16IRX9H

PERFORMANCE

Processor

Intel® Core™ i9-14900HX

Operating System

Windows 11 Pro
Windows 11 Home

Graphics

NVIDIA® GeForce RTX™ 4090
Laptop GPU 16 GB GDDR6 (175W) 2040Mhz Boost Clock
NVIDIA® GeForce RTX™ 4080
Laptop GPU 12 GB GDDR6 (175W) 2280Mhz 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 Resizable BAR

AI Chip

LA1+LA2Q

Memory

Up to 32GB (2 x 16GB)

Storage

Up to 2 TB (1 TB x 1TB) PCIe SSD (Gen 4)

Battery

Up to 99.9Whr
Up to 10.4 Hours (Target)
Super Rapid Charge (30min Charge 0-70% Capacity, 80min Charge 0-100% Capacity)

Power Adapter

DESIGN

Display

16" WQXGA (2560 x 1600) IPS; 16:10 (240 Hz / 3 ms Response Time w/ OverDrive / Advanced Optimus / 500 nits/ 100% DCI-P3 / Up to VESA DisplayHDR™ 400 Certified / Dolby Vision® Support / NVIDIA® G-SYNC® Support / TUV Rheinland Certified / X-Rite™ Pantone Certified)

Dimensions (W x D x H)

(mm) : 363.5 x 262.1 x 21.95 - 25.9mm
(inches) : 14.31" x 10.32" x 0.86"-1.02"

Weight

Around 2.62kg

Color

Eclipse Black

Keyboard

1.5mm / Per Key RGB / .2mm Ditch / 100% Anti-Ghosting / Swappable Key Cap Set (4 Key Caps) / Legion Spectrum RGB Software Support

Webcam

Built-in Webcam (1080p / 720p) with E-Shutter and Tobii Horizon Support

CONNECTIVITY

WLAN

Killer™ Wi-Fi 6E (802.11 ax)
2 x 2 Intel® Wi-Fi 6E (802.11 ax)

Bluetooth

Starting from Bluetooth® 5.3

Audio

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

I/O (Input/Output) Ports

Left Side

1 x Thunderbolt 4
1 x Type A (USB 3.2 Gen 1)

Right Side

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

Rear

1 x DC in
1 x Type C (USB 3.2 Gen2 +DisplayPort1.4+ Power Delivery 140W)
1 x Type A USB 3.2 Gen 1 (Always On USB 5V2A)
1 x Type A USB 3.2 Gen 1
1 x HDMI 2.1
1 x RJ45



PRELOADED SOFTWARE

- Lenovo Vantage & Legion Zone
- Lenovo PC Manager
- Tobii Horizon
- Tobii Aware
- McAfee® LiveSafe™
- Lenovo Antivirus
- Microsoft Office Trial⁶
- Power2Go
- X-Rite Color Management Tool
- Fn + R: 240Hz, 60Hz
- Fn + Q: Performance / Quiet / Balance / Custom Mode
- Super Resolution

LENOVO SERVICES

Premium Care²

Whether you need setup advice, a quick fix for your internet connection, resolve a software issue, or help to add a printer, Lenovo Premium Care has your back

Legion Ultimate Support¹

Our gamer-centric 24/7 support is here to be your META - the Most Effective Tactic Available. Legion Ultimate Support is the extra boost you need to get 100% performance, 100% of the time.

Accidental Damage Protection

Protect your PC from accidental and liquid damage and enjoy complete peace of mind

Lenovo Smart Performance

Boost your PC and internet performance, fix issues proactively, remove malware, and improve device security with Smart Performance

Lenovo Smart Lock

Your personal computer and sensitive information need to remain secure no matter where it is in the world. Lenovo Smart Lock, powered by Absolute[®], helps to locate, lock, better secure, and recover your stolen PC anytime, anywhere

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

Sealed Battery Warranty

Protect your sealed battery from degradation, enjoy hassle-free battery replacement service, and safeguard your PC from future battery failure.

Lenovo CO₂ Offset Service

Lenovo CO₂ Offset Service gives you a simple and transparent way to offset your device's carbon emissions and make tangible contributions to the environment by supporting verified United Nations, CDM, Gold Standard[®], and Climate Action Reserve climate action projects around the world.

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.

¹ Legion Premium Care only available in markets where Legion Ultimate Support is currently not available (EMEA and ANZ).

² Available in NA, CAP, IN, JP only. Not available in EMEA, ANZ, and LAS.

LEGION ECOSYSTEM



Legion Y27qf-30 Monitor



Legion M600s Qi Wireless Gaming Mouse



Legion K500 RGB Mechanical keyboard



Legion 16" Functional Backpack GB700



Legion S600 Gaming Station



Legion H600 Wireless Gaming Headset



Legion Gaming Control Mouse Pad XXL

* Example of Lenovo marketing catalogue naming convention

Legion
Sub-brand

Pro: 7
Position

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

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



WWW.LENOVO.COM

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, ideapad, IdeaCentre, yoga and yoga logo. Microsoft, Windows and Vista are registered trademarks of Microsoft Corporation. Ultrabook, Celeron, Celeron Inside, Core Inside, Intel, Intel Logo, Intel Atom, Intel Atom Inside, Intel Core, Intel Inside, Intel Inside Logo, Intel vPro, Itanium, Itanium Inside, Pentium, Pentium Inside, vPro Inside, Xeon, Xeon Phi, and Xeon Inside are trademarks of Intel Corporation in the U.S. and/or other countries. Other company, product and service names may be trademarks or service marks of others. Visit www.lenovo.com/lenovo/us/en/safecomp/ periodically for the latest information on safe and effective computing. ©2023 Lenovo. All rights reserved.

