

Lenovo Legion Pro 5 (16", 8)

Lenovo
LEGION

The World's Most Powerful AI Tuned Gaming Laptops

AI-tuned via Lenovo AI Engine+ and LA AI chips to perform like never before, the Legion Pro 5 comes stocked with fully powered AMD Ryzen™ 7000 Series processors, alongside 40 Series NVIDIA® GeForce RTX™ Graphics for some seriously sweet performance. Gen 4 PCIe SSDs flanked by DDR5 Memory speeds up your system and stores everything you need, while Legion Coldfront 5.0 cooling technology brings an improved fan system with customized fan curve controls and larger intelligent intake and exhaust systems to keep things cool. A Legion TrueStrike with precision and customization, 4-zone RGB powered by Legion Spectrum, as well as a massive 16" 16:10 WQXGA PureSight Gaming Display with high refresh rates keep things precise and customized so you carry on winning the game. The Legion Pro 5 really is the next generation of gaming.

WHY YOU SHOULD BUY THE LENOVO LEGION PRO 5 (16",8)



Speed Meets Endurance with AMD Ryzen™ Processors

Seize the pure performance you need to win, without compromising battery life, with AMD Ryzen™ 7000 Series 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 5.0 cooling system, AI augments the Legion Pro Series to boost FPS for the ultimate competitive advantage.



Serious Frame Advantage

Blaze past the competition on this immersive 16" WQXGA (2560 x 1600) Lenovo PureSight Display with up to 240hz refresh rates.



WWW.LENOVO.COM



Lenovo

LEGION Pro 5 (16",8)

SPECIFICATIONS

Legion Pro 5_16ARX8

PERFORMANCE

Processor

AMD Ryzen™ 7 7745HX
AMD Ryzen™ 5 7645HX

Operating System

Windows 11 Pro
Windows 11 Home

Graphics

NVIDIA® GeForce RTX™ 4070
Laptop GPU 8 GB GDDR6 (140W) 2175Mhz Boost Clock
NVIDIA® GeForce RTX™ 4060
Laptop GPU 8 GB GDDR6 (140W) 2370Mhz Boost Clock
NVIDIA® GeForce RTX™ 4050
Laptop GPU 6 GB GDDR6 (140W) 2370Mhz Boost Clock
NVIDIA® GeForce RTX™ 3050
Laptop GPU 6 GB GDDR6 (95W) 1732Mhz 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 Resizeable BAR

AI Chip

LA1

Memory

Up to 32GB (2 X 16GB) 5200Mhz DDR5 Memory

Storage

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

Battery

Battery: 80Whr
Up to 8 Hours (Target)
Super Rapid Charge Pro (30min Charge 0-80% Capacity, 60min Charge 0-100% Capacity)

Power Adapter

300W Slim Adapter
230W Slim Adapter
140W (Type-C™ Power Delivery, not included in box)

LENOVO SERVICES

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.

Lenovo 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.

Lenovo CO₂ Offset Service

Lenovo CO₂ Offset Service gives consumers a simple and transparent way to offset carbon emissions and help the environment by supporting one of several United Nations Climate Action projects.

Accidental Damage Protection

Drops, bumps, and spills can damage even the most durable and well-engineered tablets, PCs, and Smart Displays. Lenovo's Accidental Damage Protection

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

DESIGN

Display

16" WQXGA (2560 x 1600) IPS; 16:10 (240 Hz / 3 ms Response Time w/ OverDrive / 100% RGB / 500 nits / Up to VESA DisplayHDR™ 400 Certified / Dolby Vision® Support / NVIDIA® G-SYNC™ Support / AMD FreeSync™ Premium Support³ / TUV Rheinland Certified / X-Rite™ Pantone Certified)

16", WQXGA (2560 x 1600) IPS; 16:10 (165 Hz / 3 ms Response Time / 100% sRGB / 300 nits /Dolby Vision® Support / NVIDIA® G-SYNC™ Support / AMD FreeSync™ Premium Support³ / TUV Rheinland Certified / X-Rite™ Pantone Certified)

Dimensions (W x D x H)(Target)

(mm) : 363.4 x 260.4 x 22.45-26.75mm
(inches) : 114.3" x 10.25" x 0.88"-1.05"

Weight

Starting at <2.5kg

Color

Onyx Grey

Keyboard

1.5mm / 4-Zone RGB (Option) / 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

2 x 2 Wi-Fi 6E (802.11 ax)

Bluetooth®

Starting from Bluetooth® 5.1

Audio

2 x 2W Speaker System with Nahimic Audio

I/O (Input/Output) Ports

Left Side

1 x Type C (AMD : USB 3.2 Gen2 + DisplayPort 1.4)
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
- Lenovo PC Manager
- McAfee® LiveSafe™
- Lenovo Antivirus
- Microsoft Office Trial⁹
- Power2Go
- Tobii Horizon
- X-Rite Color Management Tool
- Fn + R: 240Hz, 165Hz, 60Hz
- Super Resolution

OPTIONS & ACCESSORIES



Legion M600s Qi Wireless Gaming Mouse



Lenovo Legion H600 Wireless Gaming Headset



Lenovo Legion Active Gaming Backpack

service covers accidents beyond the system warranty and protects your devices from non-warranty operational or structural failures incurred under normal operating conditions.

Lenovo Smart Performance Services

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

Lenovo Sealed Battery Warranty

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

¹ Available in NA, CAP, IN, JP only. Not available in EMEA, ANZ, and LAS.

² Legion Premium Care only available in markets where Legion Ultimate Support is currently not available (EMEA and ANZ).

³ AMD FreeSync/FreeSync Premium/FreeSync Premium Pro technology requires AMD Radeon graphics and a display certified by AMD. See www.amd.com/freesync for complete details. Confirm capability with your system or display manufacturer before purchase. GD-127

* Example of Lenovo catalogue naming convention

Legion	Pro	5	16ARX8
Sub-brand	Position	Screen size or volume (litre)	Platform Generation



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 home. Microsoft, Windows and Vista are registered trademarks of Microsoft Corporation. ©2023 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, Ryzen, Radeon, FreeSync, and combinations thereof are trademarks of Advanced Micro Devices, Inc.™. 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. ©2022 Lenovo. All rights reserved.



Lenovo