

# 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.



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# LEGION Pro 5 (16",8)

## SPECIFICATIONS

Legion Pro 5\_16ARX8

### PERFORMANCE

#### Processor

AMD Ryzen™ 9 7945HX  
AMD Ryzen™ 7 7745HX  
AMD Ryzen™ 5 7645HX

#### Operating System

Windows 11 Pro  
Windows 11 Home

#### Graphics

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

#### 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 6.8 Hours  
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)

### 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 260.35 x 22.45-26.75  
(inches) : 14.31 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

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

#### Bluetooth®

Starting from Bluetooth® 5.2

#### 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 Trial<sup>9</sup>
- Power2Go
- Tobii Horizon
- X-Rite Color Management Tool
- Fn + R: 240Hz, 165Hz, 60Hz
- Super Resolution

## LENOVO SERVICES

#### Legion Ultimate Support<sup>1</sup>

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 Care<sup>2</sup>

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 CO<sub>2</sub> Offset Service

Lenovo CO<sub>2</sub> 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
- Multi-device Compatibility
- Password Manager
- Identity Theft Protection
- Safe Web Browsing
- Free Customer Support

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.

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

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

<sup>3</sup> 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

## OPTIONS & ACCESSORIES



Legion  
M600s Qi Wireless  
Gaming Mouse



Lenovo Legion  
H600 Wireless  
Gaming Headset



Lenovo Legion  
Active Gaming  
Backpack

\* Example of Lenovo  
catalogue naming  
convention

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



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