

# Legion Pro 5 16IRX10 83NN0044IX

Lenovo

**PSREF**  
Product Specifications  
Reference

## PERFORMANCE

### Processor

Intel® Core™ i9-14900HX, 24C (8P + 16E) / 32T, P-core 2.2 / 5.8GHz, E-core 1.6 / 4.1GHz, 36MB

### AI PC Category<sup>[1]</sup>

AI-Powered Gaming PC

### Graphics

NVIDIA® GeForce RTX™ 5070 8GB GDDR7, Boost Clock 2347MHz, TGP 115W, 798 AI TOPS

### Chipset

Intel® HM770 Chipset

### Memory

1x 16GB SO-DIMM DDR5-5600

### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

### Max Memory<sup>[2]</sup>

Up to 32GB DDR5-5600 offering

### Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

### Max Storage Support<sup>[3]</sup>

Up to two drives, 2x M.2 2280 SSD

- M.2 2280 SSD up to 1TB each
- M.2 2242 SSD up to 1TB each

### Storage Slot

Two M.2 2280 PCIe® 4.0 x4 slots

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

### Speakers

Stereo speakers, 2W x2, audio by HARMAN, optimized with Nahimic Audio

### Camera

5.0MP with E-shutter

### Microphone

2x, Array

### Battery

80Wh

### Power Adapter

245W Slim Tip (3-pin)

### Special Features

AI Chip: LA3

## DESIGN

### Display<sup>[4]</sup>

16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% DCI-P3, 240Hz, DisplayHDR™ 400, Dolby Vision®, G-SYNC®, Low Blue Light, High Gaming Performance

### Screen-to-Body Ratio

91.7% AAR (active area ratio)

### Color Calibration

Factory Color Calibration

### Pen

Pen Not Supported

### Keyboard

24-Zone RGB Backlit, Italian

### Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

### Case Color

Eclipse Black

### Case Material

Aluminium (Top), PC-ABS (Bottom)

### Surface Treatment

Anodizing Sandblasting

### Dimensions (WxDxH)<sup>[5]</sup>

364.38 x 268.06 x 21.69-25.95 mm (14.35 x 10.55 x 0.85-1.02 inches)

### Weight<sup>[6]</sup>

Around 2.4 kg (5.3 lbs)

## CONNECTIVITY

### WLAN + Bluetooth<sup>[7]</sup>

Wi-Fi® 6, 802.11ax 2x2 + BT5.2

### WWAN

Non-WWAN

### Ethernet

100/1000M (RJ-45)

### Standard Ports<sup>[8]</sup>

- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 65-100W and DisplayPort™ 2.1
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Power connector

### Docking

Various docking solutions supported via USB-C®.

For more compatible docking solutions, please visit .

[Docking for Legion Pro 5 16IRX10](#)

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0 Enabled

### Other Security

E-shutter

## SERVICE

### Base Warranty

2-year, Courier or Carry-in

### Included Upgrade

2Y Premium Care with Onsite upgrade from 2Y Courier/Carry-in

## CERTIFICATIONS

### Green Certifications

- ErP Lot 6/26
- RoHS compliant

### Other Certifications

- TÜV Rheinland® High Gaming Performance
- TÜV Rheinland® Low Blue Light (Hardware Solution)

## MODEL

TopSeller : No

Announce Date : 2025-06-25

EAN / UPC / JAN : 199272037934

End of Support : 2031-06-15



Product image is a sample, it may not match the real color of this model

Note:

[1] AI-Powered Gaming PCs feature Lenovo AI Engine+ and NVIDIA GeForce RTX GPUs to handle AI-driven tasks and deliver exceptional gaming performance.

[2] The max memory is based on the test results with current Lenovo memory offerings.

[3] The storage capacity supported is based on the test results with current Lenovo storage offerings.

[4] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

[5] The system dimensions may vary depending on configurations.

[6] The system weight is approximate and based on results in.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please access the [web page](#).

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- Onsite Support
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- Replaceable Unit Service
- International Warranty Upgrade

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## Recommended Accessories



### Lenovo Professional Wireless Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...

## Recommended Services

BETTER

3Y Premium Care upgrade from 2Y Premium Care (5WS1C83304)

Please click [here](#) to view the full list of accessories.

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