

# Legion Pro 5 16ARX8 82WM00FYRK

Lenovo

PSREF  
Product Specifications  
Reference

## PERFORMANCE

### Processor

AMD Ryzen™ 7 7745HX (8C / 16T, 3.6 / 5.1GHz, 8MB L2 / 32MB L3)

### Graphics

NVIDIA® GeForce RTX™ 4060 8GB GDDR6, Boost Clock 2370MHz, TGP 140W

### Chipset

AMD SoC Platform

### Memory<sup>[1]</sup>

2x 8GB SO-DIMM DDR5-5200

### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

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

Up to 32GB DDR5-5200 offering

### Storage

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

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

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

- M.2 2280 SSD up to 1TB

### Storage Slot

Two M.2 2280 PCIe® 4.0 x4 slots

### Card Reader

None

### Optical

None

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

### Speakers

Stereo speakers, 2W x2, optimized with Nahimic Audio

### Camera

FHD 1080p with E-shutter

### Microphone

2x, Array

### Battery

Integrated 80Wh

### Power Adapter

300W Slim Tip (3-pin)

### Special Features

Legion Coldfront 5.0 cooling system

## DESIGN

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

16" WQXGA (2560x1600) IPS 300nits Anti-glare, 100% sRGB, 165Hz, Dolby Vision®, FreeSync™, G-SYNC®, Low Blue Light

### Touchscreen

None

### Color Calibration

Factory Color Calibration

### Keyboard

4-Zone RGB Backlit, Russian

### Touchpad

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

### Case Color

Onyx Grey

### Surface Treatment

Anodizing

### Case Material

Aluminium (Top), PC-ABS (Bottom)

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

363.4 x 260.35 x 22.45-26.75 mm (14.31 x 10.25 x 0.88-1.05 inches)

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

Less than 2.5 kg (5.5 lbs)

## SOFTWARE

### Operating System

None

### Bundled Software

None

## CONNECTIVITY

### Ethernet

100/1000M (RJ-45)

### WLAN + Bluetooth®<sup>[7][8]</sup>

Wi-Fi® 6E, 802.11ax 2x2 + BT5.2

### Standard Ports

- 1x USB 3.2 Gen 1 (Always On)
- 3x USB 3.2 Gen 1
- 1x USB-C® 3.2 Gen 2 (support data transfer and DisplayPort™ 1.4)
- 1x USB-C® 3.2 Gen 2 (support data transfer, Lenovo® Power Delivery 140W and 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

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0 Enabled

### Fingerprint Reader

None

### Other Security

E-shutter

## SERVICE

### Base Warranty

1-year, Courier or Carry-in

### Included Upgrade

None

## ACCESSORIES

### Bundled Accessories<sup>[9]</sup>

None

## CERTIFICATIONS

### Green Certifications

- ErP Lot 3
- RoHS compliant

### Other Certifications

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

## MODEL

TopSeller : No Announce Date : 2024-04-09

EAN / UPC / JAN : 198153838233 End of Support : 2029-05-14



AMD

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

Note:

[1] Installed memory is actually DDR5-5600 but may run as DDR5-5200 due to processor limitation.

[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 link to

<https://psref.lenovo.com/Detail/2197?M=82WM00FYRK>

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- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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## Recommended Accessories



### Lenovo USB-C 7-in-1 Hub

4X90V55523

Travel - Ready Productivity. One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo USB-C 7-in-1 Hub fits unlimited productivity i...

## Recommended Services

BEST	4Y Premium Care with Onsite upgrade from 1Y Courier/Carry-in (5WS0W36596)
GOOD	3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in (5WS0K75704)

For a full list of accessories and services, please visit:  
<https://smartfind.Lenovo.com>



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