

# Legion Pro 5 16ARX8

## PERFORMANCE

<b>Processor</b>	AMD Ryzen™ 9 7945HX (16C / 32T, 2.5 / 5.4GHz, 16MB L2 / 64MB L3)
<b>Graphics</b>	NVIDIA® GeForce RTX™ 4070 8GB GDDR6, Boost Clock 2175MHz, TGP 140W
<b>Chipset</b>	AMD SoC Platform
<b>Memory<sup>[1]</sup></b>	2x 16GB SO-DIMM DDR5-5200
<b>Memory Slots</b>	Two DDR5 SO-DIMM slots, dual-channel capable
<b>Max Memory<sup>[2]</sup></b>	Up to 32GB DDR5-5200 offering
<b>Storage</b>	1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®
<b>Storage Support<sup>[3]</sup></b>	Up to two drives, 2x M.2 SSD <ul style="list-style-type: none"><li>• M.2 2242 SSD up to 1TB</li><li>• M.2 2280 SSD up to 1TB</li></ul>
<b>Storage Slot</b>	Two M.2 2280 PCIe® 4.0 x4 slots
<b>Card Reader</b>	None
<b>Optical</b>	None
<b>Audio Chip</b>	High Definition (HD) Audio, Realtek® ALC3306 codec
<b>Speakers</b>	Stereo speakers, 2W x2, optimized with Nahimic Audio
<b>Camera</b>	FHD 1080p with E-shutter
<b>Microphone</b>	2x, Array
<b>Battery</b>	Integrated 80Wh
<b>Power Adapter</b>	300W Slim Tip (3-pin)
<b>Special Features</b>	Legion Coldfront 5.0 cooling system

## DESIGN

<b>Display<sup>[4]</sup></b>	16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% DCI-P3, 240Hz, DisplayHDR™ 400, Dolby Vision®, FreeSync™, G-SYNC®, Low Blue Light
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<b>Touchscreen</b>	None
<b>Color Calibration</b>	Factory Color Calibration
<b>Keyboard</b>	4-Zone RGB Backlit, Arabic
<b>Touchpad</b>	Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)
<b>Case Color</b>	Onyx Grey
<b>Surface Treatment</b>	Anodizing
<b>Case Material</b>	Aluminium (Top), PC-ABS (Bottom)
<b>Pen</b>	Pen Not Supported
<b>Dimensions (WxDxH)<sup>[5]</sup></b>	363.4 x 260.35 x 22.45-26.75 mm (14.31 x 10.25 x 0.88-1.05 inches)
<b>Weight<sup>[6]</sup></b>	Less than 2.5 kg (5.5 lbs)

## SOFTWARE

<b>Operating System</b>	Windows® 11 Home, Arabic / English
<b>Bundled Software</b>	Office Trial

## CONNECTIVITY

<b>Ethernet</b>	100/1000M (RJ-45)
<b>WLAN + Bluetooth<sup>[7][8]</sup></b>	Wi-Fi® 6E, 802.11ax 2x2 + BT5.2
<b>WWAN</b>	Non-WWAN
<b>Standard Ports</b>	<ul style="list-style-type: none"><li>• 1x USB 3.2 Gen 1 (Always On)</li><li>• 3x USB 3.2 Gen 1</li><li>• 1x USB-C® 3.2 Gen 2 (support data transfer and DisplayPort™ 1.4)</li><li>• 1x USB-C® 3.2 Gen 2 (support data transfer, Lenovo® Power Delivery 140W and DisplayPort™ 1.4)</li><li>• 1x HDMI® 2.1, up to 8K/60Hz</li><li>• 1x Headphone / microphone combo jack (3.5mm)</li><li>• 1x Ethernet (RJ-45)</li><li>• 1x Power connector</li></ul>

## SECURITY & PRIVACY

<b>Security Chip</b>	Firmware TPM 2.0 Enabled
<b>Fingerprint Reader</b>	None
<b>Other Security</b>	E-shutter

## SERVICE

<b>Base Warranty</b>	1-year, Courier or Carry-in
<b>Included Upgrade</b>	2Y Premium Care with Onsite upgrade from 1Y Courier/Carry-in

## ACCESSORIES

<b>Bundled Accessories<sup>[9]</sup></b>	None
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## CERTIFICATIONS

<b>Green Certifications</b>	<ul style="list-style-type: none"><li>• ErP Lot 3</li><li>• RoHS compliant</li></ul>
<b>Other Certifications</b>	TÜV Rheinland® Low Blue Light (Hardware Solution)

## MODEL

<b>TopSeller</b>	: No	<b>Announce Date</b>	: 2024-04-22
<b>EAN / UPC / JAN</b>	: 198153595099	<b>End of Support</b>	: 2029-05-14



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.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to  
<https://psref.lenovo.com/Detail/2197?M=82WM00FGAX>

## Premium Care - Advanced Support from Real People. Real Fast.

### REAL PERSON

Choose how you want to reach us - through the phone, chat or email - our expert technicians will take care of you.

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'Getting started' and 'how-to' assistance for hardware and software. Easy solutions that are simple to reach - that's how Premium Care delivers you the ideal support experience.

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## Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

## Base Warranty – Included with the systems you purchase, default 1- or 3-year coverage window.

## Warranty Extensions & Upgrades – Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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## Recommended Accessories

### ThinkPad Professional 15.6-inch Backpack

The Lenovo ThinkPad Professional Backpack is a streamlined yet versatile backpack for the on-the-go professional. This clean, modern design carries, protects, and organizes your mobile office, while premium, lightweight...

## Recommended Services

BETTER

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

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

**PSREF**

Product Specifications  
Reference