

# Legion Pro 5 16ARX8

## PERFORMANCE

<b>Processor</b>	AMD Ryzen™ 7 7745HX (8C / 16T, 3.6 / 5.1GHz, 8MB L2 / 32MB 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% sRGB, 240Hz, DisplayHDR™ 400, Dolby Vision®, FreeSync™, G-SYNC®, Low Blue Light, High Gaming Performance
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<b>Touchscreen</b>	None
<b>Color Calibration</b>	Factory Color Calibration
<b>Keyboard</b>	White Backlit, Ukrainian
<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>	None
<b>Bundled Software</b>	None

## 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>	2-year, Courier or Carry-in
<b>Included Upgrade</b>	None

## 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>	<ul style="list-style-type: none"><li>• TÜV Rheinland® High Gaming Performance</li><li>• TÜV Rheinland® Low Blue Light (Hardware Solution)</li></ul>

## MODEL

<b>TopSeller</b>	: Yes	<b>Announce Date</b>	: 2023-08-09
<b>EAN / UPC / JAN</b>	: 197532728592	<b>End of Support</b>	: 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.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2197?M=82WMO0BJRA>

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

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## Recommended Accessories

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

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...

### Lenovo USB-C to Ethernet Adapter

The Lenovo USB-C to Ethernet Adapter is quick and easy way to connect your USB-C enabled notebook to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.

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

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Product Specifications  
Reference