Legion 5 Pro 16ARH7 82RY000XGE

PSREF
Product Specifications Reference

PERFORMANCE

Processor
AMD Ryzen™ 7 6800H (8C / 16T, 3.2 / 4.7GHz, 4MB L2 / 16MB L3)

Graphics
NVIDIA® GeForce RTX™ 3050 Ti 4GB GDDR6, Boost Clock 1695MHz, TGP 95W

Chipset
AMD SoC Platform

Memory
2x 8GB SO-DIMM DDR5-4800

Memory Slots
Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory[1]
Up to 16GB DDR5-4800 offering

Storage
512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Support[2]
Up to two drives, 2x M.2 SSD
• M.2 2280 SSD up to 1TB
• M.2 2242 SSD up to 512GB

Storage Slot
Two M.2 2280 PCIe® 4.0 x4 slots

Card Reader
None

Optical
None

Audio Chip
High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers
Stereo speakers, 2W x2, Nahimic Audio

Camera
HD 720p with E-shutter

Microphone
2x, Array

Battery
Integrated 80Wh

Power Adapter
230W Slim Tip (3-pin)

DESIGN

Display[3]
16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% sRGB, 165Hz, DisplayHDR™ 400, Dolby Vision®, FreeSync™, G-SYNC®, Low Blue Light, High Gaming Performance

Touchscreen
None

Color Calibration
Factory Color Calibration

Keyboard
White Backlit, German

Touchpad
Buttonless Mylar® surface multi-touch touchpad, 75 x 120 mm (2.95 x 4.72 inches)

Case Color
Storm Grey

Surface Treatment
Anodizing

Case Material
Aluminium (Top), Aluminium (Bottom)

Dimensions (WxDxH)[4]
359.9 x 262.4 x 19.9 mm (14.17 x 10.33 x 0.78 inches)

Weight[5]
Starting at 2.42 kg (5.34 lbs)

SOFTWARE

Operating System
Windows® 11 Home, German

Bundled Software
Office Trial

CONNECTIVITY

Ethernet
100/1000M (RJ-45)

WLAN + Bluetooth®[6][7]
Wi-Fi® 6E, 11ax 2x2 + BT5.1

Standard Ports[8]
- 1x USB 3.2 Gen 1 (Always On)
- 2x 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, Power Delivery 135W and DisplayPort™ 1.4)
- 1x USB4® 40Gbps (support data transfer 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

Fingerprint Reader
None

Other Security
E-shutter

SERVICE

Base Warranty
2-year, Courier or Carry-in

Included Upgrade
None

ACCESSORIES

Bundled Accessories[9]
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	: Yes	Announce Date	: 2022-07-14
EAN / UPC / JAN	: 196380083693	End of Support	: 2028-05-11

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

Note:
[1] The max memory is based on the test results with current.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to
https://psref.lenovo.com/Detail/1799?M=82RY000XGE

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

REAL FAST
Highly trained technicians will provide you real-time solutions, whatever the issue, on your first contact. If needed, our team will schedule an onsite visit for the next business day.

HASSLE FREE
'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.

PC HEALTH CHECK
Free annual PC Health Check that allows our experts to spot issues before you do so they can resolve them quickly and help you avoid PC problems.

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

Lenovo Powered USB-C Travel Hub
4X90S92381
Travel-Ready Productivity Powerhouse; One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo Powered USB-C Travel Hub fits unlimited...

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...

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

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Product Specifications Reference