

Lenovo Legion 5 Pro 16IAH7H 82RF004PGE

PSREF Product Specifications Reference

PERFORMANCE

Processor

Intel® Core™ i5-12500H, 12C (4P + 8E) / 16T, P-core 2.5 / 4.5GHz, E-core 1.8 / 3.5GHz, 18MB

Graphics

NVIDIA® GeForce® RTX™ 3060 6GB GDDR6, Boost Clock 1702MHz, TGP 140W

Chipset

Intel SoC Platform

Memory

2x 8GB SO-DIMM DDR5-4800

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory

Up to 32GB DDR5-4800 offering

Storage

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

Storage Support

Up to two drives, 2x M.2 SSD

- M.2 2242 SSD up to 512GB
- M.2 2280 SSD up to 1TB

RAID Preset

None

Card Reader

None

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, Nahimic Audio

Camera

720p with E-camera Shutter

Microphone

2x, Array

Battery

Integrated 80Wh

Max Battery Life

MobileMark® 2018: 4.01 hr (discrete mode) or 6.55 hr (hybrid mode)

Power Adapter

300W Slim Tip (3-pin)

DESIGN

Display

16" WQXGA (2560x1600) IPS 500nits Anti-glare, 165Hz, 100% sRGB, Dolby® Vision™, HDR 400, G-Sync, DC dimmer

Touchscreen

None

Color Calibrator

Factory Color Calibration

Keyboard

4-Zone RGB Backlit, German

Case Color

Storm Grey

Surface Treatment

Anodizing

Case Material

Aluminium (Top), Aluminium (Bottom)

Dimensions (WxDxH)

359.9 x 264.4 x 26.6-19.9 mm (14.17 x 10.41 x 1.05-0.78 inches)

Weight

2.49 kg (5.49 lbs)

SOFTWARE

Operating System

Windows® 11 Home 64, German

Bundled Software

Office Trial

CONNECTIVITY

Ethernet

100/1000M

WLAN + Bluetooth®

Wi-Fi® 6E 11ax, 2x2 + BT5.1

Standard Ports

- 2x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 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 Thunderbolt™ 4 / USB4™ 40Gbps (support data transfer and DisplayPort 1.4)
- 1x HDMI® 2.1
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

SECURITY & PRIVACY

Security Chip

Firmware TPM 2.0

Fingerprint Reader

None

Other Security

E-Camera shutter

SERVICE

Base Warranty

2-year, Depot

Included Upgrade

<= 3 Months Premium Care (5WS1E21226)

ACCESSORIES

Bundled Accessories

None

CERTIFICATIONS

Green Certifications

- ErP Lot 3
- RoHS compliant

Other Certifications

TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

TopSeller	: Yes	Announce Date	: 2022-01-17
EAN / UPC / JAN	: 196379249246	End of Support	: 2028-02-10



intel

- Product image on this page is a sample, it may not match the real color of this model
- Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences

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.

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.

REAL FAST

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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 500 FHD Webcam

4XCOV13599

A USB Video Class (UVC) compliant video camera designed for teleconferencing applications on desktop or laptop. It's a reliable digital video device to transfer video data with HD quality through a high-speed USB inte...

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