

# Legion 5 Pro 16ARH7H 82RG00C1BM

## PSREF

Product Specifications  
Reference

### PERFORMANCE

#### Processor

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

#### Graphics

NVIDIA® GeForce RTX™ 3070 Ti 8GB GDDR6, Boost Clock 1485MHz, TGP 150W

#### Chipset

AMD SoC Platform

#### Memory

2x 16GB 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 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-camera Shutter

#### Microphone

2x, Array

#### Battery

Integrated 80Wh

#### Max Battery Life

MobileMark® 2018: 9.6 hr

Local video (1080p) playback@150nits: 14.1 hr

#### Power Adapter

300W Slim Tip (3-pin)

### DESIGN

#### Display

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

#### Touchscreen

None

#### Color Calibration

Factory Color Calibration

#### Keyboard

Blue Backlit, Bulgarian

#### Case Color

Glacier White

#### Surface Treatment

Anodize Electrophoresis Deposition

#### Case Material

Aluminium (Top), Aluminium (Bottom)

#### Dimensions (WxDxH)

359.9 x 262.4 x 19.9 mm (14.17 x 10.33 x 0.78 inches)

#### Weight

Starting at 2.49 kg (5.49 lbs)

### SOFTWARE

#### Operating System

None

#### Bundled Software

None

### 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)
- 2x 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 HDMI®, up to 8K/60Hz
- 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, Courier or Carry-in

#### Included Upgrade

None

### ACCESSORIES

#### Bundled Accessories

None

### CERTIFICATIONS

#### Green Certifications

- ErP Lot 3
- RoHS compliant

#### Other Certifications

- TÜV Rheinland® High Gaming Performance (WQXGA display models only)
- TÜV Rheinland Low Blue Light (Hardware Solution)

### MODEL

TopSeller : Yes      Announce Date : 2022-07-14

EAN / UPC / JAN : 196800948175      End of Support : 2028-05-14



AMD

- Lenovo reserves the right to change specifications or other product information without notice.
- 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.

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### REAL FAST

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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

### 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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