Legion S7 16ARHA7 82UG0001US

Lenovo PSREF Product Specifications Reference

PERFORMANCE

Processor

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

Graphics

AMD Radeon™ RX 6800S 8GB GDDR6

Chipset

AMD SoC Platform

Memory

8GB Soldered DDR5-4800 + 8GB SO-DIMM DDR5-4800

Memory Slots

One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable

Max Memory

Up to 16GB (8GB soldered + 8GB SO-DIMM) DDR5-4800 offering

Storage

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

Storage Support

One drive, up to 2TB M.2 2280 SSD

Storage Slot

One M.2 2280 PCIe 4.0 x4 slot

Card Reader

4-in-1 Card Reader

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

Stereo speakers, 2W x2, audio by HARMAN certification, optimized with Nahimic Audio

Camera

FHD 1080p with E-shutter

Microphone

2x, Array

Battery

Integrated 71Wh

Max Battery Life

Models with 71Wh battery: MobileMark® 2018: 8 hr

Local video (1080p) playback: 9.1 hr

Power Adapter

DESIGN

230W Slim Tip (3-pin)

Display

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

Touchscreen

None

Color Calibration

Factory Color Calibration

Kevboard

RGB Backlit, English (US)

Case Color

Onyx Grey

Surface Treatment

Iron Sandblasting (Anodized)

Case Material

Aluminium (Top), Aluminium (Bottom)

Dimensions (WxDxH)

357.7 x 260 x 16.9 mm (14.08 x 10.24 x 0.67 inches)

Weigh

Less than 2.175 kg (4.8 lbs)

SOFTWARE

Operating System

Windows® 11 Home, English

Bundled Software

Office Trial

CONNECTIVITY

Ethernet

No Onboard Ethernet

WLAN + Bluetooth®

Wi-Fi® 6E, 11ax 2x2 + BT5.1

Standard Ports

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 2x USB-C® 3.2 Gen 2 (support data transfer, Power Delivery 135W and DisplayPort™ 1.4)
- 1x HDMI®, up to 8K/60Hz
- 1x Card reader
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

SECURITY & PRIVACY

Security Chip

Firmware TPM 2.0

Fingerprint Reader

Touch Style. Integrated in Power Button

Other Security

E-shutter

SERVICE

Base Warranty

1-year, Courier or Carry-in

Included Upgrade

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 : No Announce Date : 2022-07-13



AMD

- · Lenovo reserves the right to change specifications or other product information without notice.
- · Battery life is an estimated maximum. Actual battery life may vary by hardware or system settings, active applications, battery conditioning, etc.
- · California Electronic Waste Recycling Fee In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: https://www.calrecycle.ca.gov/Electronics/Consumer

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.



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...



ThinkPad UltraSlim USB DVD Burner

4XA0E97775

ThinkPad UltraSlim USB DVD Burner -- is a small form factor external portable DVD and CD recordable drive that can be attached to Notebooks with USB2.0 port or USB3.0 port. With 9.5mm UltraSlim engine, 20% slimmer tha...

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

