## Legion 7 16ARHA7 82UH0000US

# Lenovo PSREF Product Specifications Reference

#### **PERFORMANCE**

**Processor** 

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

**Graphics** 

AMD Radeon™ RX 6700M 10GB GDDR6

Chipset

AMD 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 2280 SSD up to 2TB

**Storage Slot** 

Two M.2 2280 PCle 4.0 x4 slots

**Card Reader** 

None

**Optical** 

None

**Audio Chip** 

High Definition (HD) Audio, Realtek® ALC3287 codec

**Speakers** 

Stereo speakers (super linear speaker), 2W x2, audio by HARMAN certification, optimized with Nahimic Audio

Camera

FHD 1080p with E-shutter

Microphone

2x, Array

**Battery** 

Integrated 99.99Wh

**Max Battery Life** 

MobileMark® 2018: 10 hr

Local video (1080p) playback@150nits: 12 hr

**Power Adapter** 

300W Slim Tip (3-pin)

**DESIGN** 

**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

Keyboard

RGB Backlit, English (US)

Case Color

Storm Grey

**Surface Treatment** 

Iron Sandblasting (Anodized)

**Case Material** 

Aluminium (Top), Aluminium (Bottom)

Dimensions (WxDxH)

358.1 x 263.5 x 19.4 mm (14.1 x 10.37 x 0.76 inches)

Weight

Around 2.53 kg (5.58 lbs)

SOFTWARE

**Operating System** 

Windows® 11 Home, English

**Bundled Software** 

Office Trial

CONNECTIVITY

**Ethernet** 

2.5GbE (RJ-45)

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)

• 1x USB-C® 3.2 Gen 1 (support data transfer only)

 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®, 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** 

Touch Style. Integrated in Power Button

Other Security

E-Camera 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

• TÜV Rheinland Low Blue Light (Hardware Solution)

**MODEL** 

TopSeller : No Announce Date : 2022-07-12

**EAN / UPC / JAN** : 196379705360 **End of Support** : N/A



AMD

<sup>·</sup> Lenovo reserves the right to change specifications or other product information without notice.

<sup>·</sup> 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

