

PERFORMANCE

Processor

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

Graphics

NVIDIA® GeForce RTX™ 3050 4GB GDDR6, Boost Clock 1740MHz, TGP 85W

Chipset

AMD SoC Platform

Memory

1x 16GB SO-DIMM DDR5-4800

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory

Up to 16GB DDR5-4800 offering

Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Support⁽¹⁾

Up to two drives, 2x M.2 SSD

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

Storage Slot

Two M.2 slots

- One M.2 2242 PCIe 4.0 x4 slot
- One M.2 2280 PCIe 4.0 x4 slot

Card Reader

None

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, Nahimic Audio

Camera

FHD 1080p with Privacy Shutter

Microphone

2x, Array

Battery

Integrated 71Wh

Max Battery Life⁽²⁾

MobileMark® 2018: 10.3 hr

Local video (1080p) playback@150nits: 17.7 hr

Power Adapter⁽³⁾

170W Slim Tip (3-pin)

DESIGN

Display⁽⁴⁾⁽⁵⁾

16" WUXGA (1920x1200) IPS 350nits Anti-glare, 100% sRGB, 165Hz, FreeSync™

Touchscreen

None

Keyboard

White Backlit, German

Case Color

Onyx Grey

Surface Treatment

Painting

Case Material

PC-ABS (Top), PC-ABS (Bottom)

Dimensions (WxDxH)⁽⁶⁾

359.6 x 277.8 x 20.9 mm (14.16 x 10.94 x 0.82 inches)

Weight⁽⁷⁾

Around 2.5 kg (5.5 lbs)

SOFTWARE

Operating System⁽⁸⁾

Windows® 11 Home, German

Bundled Software

Office Trial

CONNECTIVITY

Ethernet

100/1000M (RJ-45)

WLAN + Bluetooth⁽⁹⁾⁽¹⁰⁾

Wi-Fi® 6, 11ax 2x2 + BT5.1

Standard Ports

- 2x USB 3.2 Gen 1
- 1x USB-C® 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x HDMI® 2.0
- 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

Camera privacy shutter

MANAGEABILITY

SERVICE

Base Warranty

2-year, Courier or Carry-in

Included Upgrade

<= 3 Months Premium Care (5WS1E19595)

ACCESSORIES

Bundled Accessories

None

CERTIFICATIONS

Green Certifications

- ErP Lot 3
- RoHS compliant

MODEL

TopSeller : Yes

Announce Date : 2022-12-12

EAN / UPC / JAN : 196804017174

End of Support : 2028-06-13



AMD

To see more note information, please link to https://psref.lenovo.com/Detail/IdeaPad_Gaming_3_16ARH7?M=82SC008PGE

· 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.



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



ThinkPad UltraSlim USB DVD Burner

4XA0E9775

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 than...



ThinkPad Hybrid USB-C with USB-A Dock (American Standard Plug Type B)

40AF0135US

The ThinkPad Hybrid USB-C with USB-A Dock expands the capabilities of most any laptop, new or old, making it perfect for enterprise customers with mixed-PC or shared-desk environments. Featuring enterprise-class management...

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

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PSREF
Product Specifications
Reference