

PERFORMANCE

Processor

AMD Ryzen™ 7 7735HS (8C / 16T, 3.2 / 4.75GHz, 4MB L2 / 16MB L3)

AI PC Category

AI-Powered Gaming PC

Graphics

NVIDIA® GeForce RTX™ 4070 8GB GDDR6, Boost Clock 2175MHz, TGP 140W, 321 AI TOPS

Chipset

AMD SoC Platform

Memory^[1]

2x 8GB SO-DIMM DDR5-4800

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory^[2]

Up to 64GB DDR5-4800

Storage

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

Storage Support^[3]

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 2280 PCIe® 4.0 x4 slots

Card Reader

SD Card Reader

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, optimized with Nahimic Audio

Camera

FHD 1080p with E-shutter

Microphone

2x, Array

Battery

Integrated 80Wh

Power Adapter

230W Slim Tip (3-pin)

Special Features

AI Chip: LA1

DESIGN

Display

16" WQXGA (2560x1600) IPS 350nits Anti-glare, 100% sRGB, 165Hz, Dolby Vision®, G-SYNC®, Free-Sync Premium, Low Blue Light

Touchscreen

None

Color Calibration

Factory Color Calibration

Keyboard

White Backlit, Russian

Touchpad

Buttonless Mylar® surface multi-touch touchpad, 75 x 120 mm (2.95 x 4.72 inches)

Case Color

Luna Grey

Surface Treatment

Aluminium Stamping (Anodized with Sandblasting)

Case Material

Aluminium (Top), PC-ABS (Bottom)

Dimensions (WxDxH)^[4]

359.7 x 260.5 x 19.9-21.9mm (14.16 x 10.26 x 0.78-0.86 inches)

Weight^[5]

Around 2.3 kg (5.07 lbs)

SOFTWARE

Operating System

None

Bundled Software

None

CONNECTIVITY

Ethernet

100/1000M (RJ-45)

WLAN + Bluetooth^[6][7]

Wi-Fi® 6E, 802.11ax 2x2 + BT5.3

Standard Ports

- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with Lenovo® PD 140W and DisplayPort™ 1.4
- 1x USB-A 10Gbps (USB 3.2 Gen 2)
- 1x USB-A 10Gbps (USB 3.2 Gen 2), Always On
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Card reader
- 1x Power connector

Optional Ports (configured)

1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with DisplayPort™ 1.4

SECURITY & PRIVACY

Security Chip

Firmware TPM 2.0 Enabled

Fingerprint Reader

None

Other Security

E-shutter

SERVICE

Base Warranty

2-year, Courier or Carry-in

Included Upgrade

None

ACCESSORIES

Bundled Accessories^[8]

Lenovo® Legion™ Gaming Speed Mouse Pad M

CERTIFICATIONS

Green Certifications

- ErP Lot 6
- ErP Lot 26
- RoHS compliant

Other Certifications

TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

TopSeller	: No	Announce Date	: 2024-04-09
EAN / UPC / JAN	: 198153838424	End of Support	: 2030-05-03

Product image is a sample, it may not match the real color of this model

Note:

[1] Installed memory is actually DDR5-5600 but may run as.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2453?M=83EX000TRK>

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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

Recommended Accessories



Lenovo USB-C 7-in-1 Hub

4X90V55523

Travel - Ready Productivity. One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo USB-C 7-in-1 Hub fits unlimited productivity i...



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>

Lenovo

PSREF
Product Specifications
Reference