

PERFORMANCE

- Processor

AMD Ryzen™ 7 7840HS (8C / 16T, 3.8 / 5.1GHz, 8MB L2 / 16MB L3)
- Graphics

NVIDIA® GeForce RTX™ 4070 8GB GDDR6, Boost Clock 2175MHz, TGP 140W
- Chipset

AMD SoC Platform
- Memory

2x 8GB SO-DIMM DDR5-5600
- Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable
- Max Memory^[1]

Up to 32GB DDR5-5600 offering
- Storage

512GB SSD M.2 2280 PCIe® 4.0x4 NVMe®
- Storage Support^[2]

Up to two drives, 2x M.2 2280 SSD

• M.2 2280 SSD up to 1TB
- Storage Slot

Two M.2 2280 PCIe 4.0 x4 slots
- Card Reader

4-in-1 Card Reader
- Optical

None
- Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec
- Speakers

Stereo speakers, 2W x2, 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
 - Legion Coldfront 5.0 cooling system

DESIGN

- Display^[3]

16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% sRGB, 240Hz, DisplayHDR™ 400, Dolby® Vision™, FreeSync™, G-SYNC®, Low Blue Light
- Touchscreen

None
- Color Calibration

Factory Color Calibration
- Keyboard

White Backlit, English
- Case Color

Misty Grey
- Surface Treatment

Anodizing
- Case Material

Aluminium (Top), PC-ABS (Bottom)
- Dimensions (WxDxH)^[4]

359.7 x 260.3 x 19.9-25.2mm (14.16 x 10.25 x 0.78-0.99 inches)
- Weight^[5]

Less than 2.4 kg (5.29 lbs)

SOFTWARE

- Operating System

None
- Bundled Software

None

CONNECTIVITY

- Ethernet

100/1000M (RJ-45)
- WLAN + Bluetooth®^{[6][7]}

Wi-Fi® 6E, 11ax 2x2 + BT5.1
- Standard Ports

- 1x Card reader
 - 1x Ethernet (RJ-45)
 - 1x HDMI® 2.1, up to 8K/60Hz
 - 1x Headphone / microphone combo jack (3.5mm)
 - 1x USB 3.2 Gen 2
 - 1x USB 3.2 Gen 2 (Always On)
 - 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 140W and 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

2Y Premium Care with OnSite from 2Y Depot (CPN)

ACCESSORIES

- Bundled Accessories

None

CERTIFICATIONS

- Green Certifications

- ErP Lot 26
 - ErP Lot 6
 - RoHS compliant
- Other Certifications

TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

- TopSeller

: Yes

Announce Date

: 2023-07-29
- EAN / UPC / JAN

: 197529308578

End of Support

: 2029-05-14



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

[1] The max memory is based on the test results with current.....
· Lenovo reserves the right to change specifications without notice.
To see more note information, please link to <https://psref.lenovo.com/Detail/2214?M=82Y9003JPB>

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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...

Recommended Services

BETTER

3Y Premium Care upgrade from 2Y Premium Care (5WS1C83304)

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

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PSREF
Product Specifications
Reference