

PERFORMANCE

Processor
AMD Ryzen™ 5 7640HS (6C / 12T, 4.3 / 5.0GHz, 6MB L2 / 16MB L3)

Graphics
NVIDIA® GeForce RTX™ 4050 6GB GDDR6, Boost Clock 2370MHz, TGP 100W

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][4]}
16" WQXGA (2560x1600) IPS 300nits Anti-glare, 100% sRGB, 165Hz, Dolby Vision®, FreeSync™, G-SYNC®, Low Blue Light

Touchscreen
None

Color Calibration
Factory Color Calibration

Keyboard
4-Zone RGB Backlit, Greek

Touchpad
Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

Case Color
Storm Grey

Surface Treatment
Anodizing

Case Material
Aluminium (Top), PC-ABS (Bottom)

Dimensions (WxDxH)^[5]
359.7 x 260.3 x 19.9-21.9mm (14.16 x 10.25 x 0.78-0.86 inches)

Weight^[6]
Less than 2.4 kg (5.29 lbs)

SOFTWARE

Operating System
Windows® 11 Home, Greek / English

Bundled Software
Office Trial

CONNECTIVITY

Ethernet
100/1000M (RJ-45)

WLAN + Bluetooth^{[7][8]}
Wi-Fi® 6E, 802.11ax 2x2 + BT5.3

- Standard Ports**
- 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, Lenovo® Power Delivery 140W and DisplayPort™ 1.4)
 - 1x HDMI® 2.1, up to 8K/60Hz
 - 1x Headphone / microphone combo jack (3.5mm)
 - 1x Ethernet (RJ-45)
 - 1x Card reader

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
3Y Premium Care with Onsite upgrade from 2Y Depot/CCI (CPN)

ACCESSORIES

Bundled Accessories^[9]
None

CERTIFICATIONS

- Green Certifications**
- ErP Lot 6
 - ErP Lot 26
 - RoHS compliant

Other Certifications
TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

TopSeller	: Yes	Announce Date	: 2023-04-28
EAN / UPC / JAN	: 197529991824	End of Support	: 2029-05-14



AM02

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 memory offerings.

[2] The storage capacity supported is based on the test results with current Lenovo storage offerings.

[3] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

[4] Minimum brightness tested in lab.

[5] The system dimensions may vary depending on configurations.

[6] The system weight is approximate and based on results in.....

• Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2214?M=82Y9006PGM>

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 X1 Active Noise Cancellation Headphones

4XD0U47635

The ThinkPad X1 Active Noise Cancellation headphones provide rich, first-class listening and calling in any noise environment. Lenovo has partnered with Synaptics AudioSmartto create industry-leading headphones with H...

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

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PSREF
Product Specifications
Reference