LOQ 15APH8 82XT003GUS

PSREF
Product Specifications Reference

PERFORMANCE

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

Graphics
NVIDIA® GeForce RTX™ 3050 6GB GDDR6, Boost Clock 1732MHz, TGP 95W

Chipset
AMD SoC Platform

Memory
2x 8GB SO-DIMM DDR5-5600

Memory Slots
Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory
Up to 16GB DDR5-5600 offering

Storage
1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Support
Up to two drives, 2x M.2 SSD
• M.2 2242 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, optimized with Nahimic Gaming Audio

Camera
FHD 1080p with E-shutter

Microphone
2x, Array

Battery
Integrated 60Wh

Max Battery Life
MobileMark® 2018: 6.5 hr
Local video (1080p) playback@150nits: 9.5 hr

Power Adapter
170W Slim Tip (3-pin)

Special Features
AI Chip: LA1

DESIGN

Display
15.6" FHD (1920x1080) IPS 350nits Anti-glare, 45% NTSC, 144Hz, G-SYNC®, FreeSync™

Touchscreen
None

Color Calibration
None

Keyboard
White Backlit, English (US)

Case Color
Storm Grey

Surface Treatment
Painting

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

Dimensions (WxDxH)
359.6 x 264.8 x 22.1-25.2 mm (14.16 x 10.43 x 0.87-0.99 inches)

Weight
Starting at 2.4 kg (5.29 lbs)

SOFTWARE

Operating System
Windows® 11 Home, English

Bundled Software
Office Trial

CONNECTIVITY

Ethernet
100/1000M (RJ-45)

WLAN + Bluetooth®
Wi-Fi® 6, 11ax 2x2 + BT5.1

Standard Ports
- 1x USB 2.0
- 2x USB 3.2 Gen 2
- 1x USB-C® 3.2 Gen 2 (support data transfer, Power Delivery 140W and DisplayPort™ 1.4)
- 1x HDMI® 2.1, 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 Enabled

Fingerprint Reader
None

Other Security
E-shutter

MANAGEABILITY

SERVICE

Base Warranty
1-year, Courier or Carry-in

Included Upgrade
None

ACCESSORIES

Bundled Accessories
None

CERTIFICATIONS

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

MODEL

TopSeller	: No	**Announce Date**	: 2023-04-30
EAN / UPC / JAN	: 196804943404	**End of Support**	: 2029-05-10



· Lenovo reserves the right to change specifications or other product information without notice.
· 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

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 Mini Dock_US
40AU0065US
Expand Your Potential with An Universal Mini Dock; Lenovo understands that modern business depends on a wide variety of PC's and even brands to meet their business needs. To make this easier Lenovo USB-C Mini dock is ...

Recommended Services

BEST	3Y Premium Care Plus upgrade from 1Y Courier/Carry-in (5WS1J38620)
BETTER	3Y Premium Care with Onsite upgrade from 1Y Courier/Carry-in (5WS0T73714)
GOOD	3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in (5WS0K75663)

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

Lenovo **PSREF**
Product Specifications Reference