

# LOQ 16IRH8

## PERFORMANCE

- Processor<sup>[1]</sup>  
Intel® Core™ i5-13420H, 8C (4P + 4E) / 12T, P-core 2.1 / 4.6GHz, E-core 1.5 / 3.4GHz, 12MB
- Graphics  
NVIDIA® GeForce RTX™ 4050 6GB GDDR6, Boost Clock 2370MHz, TGP 95W
- Chipset  
Intel® SoC Platform
- Memory<sup>[2]</sup>  
2x 8GB SO-DIMM DDR5-5200
- Memory Slots  
Two DDR5 SO-DIMM slots, dual-channel capable
- Max Memory<sup>[3]</sup>  
Up to 32GB DDR5-5200
- Storage  
512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®
- Storage Support<sup>[4]</sup>  
Up to two drives, 2x M.2 SSD  
• M.2 2242 SSD up to 1TB each
- 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
- Power Adapter  
170W Slim Tip (3-pin)
- Special Features  
AI Chip: LA1

## DESIGN

- Display<sup>[5]</sup>  
16" WUXGA (1920x1200) IPS 350nits Anti-glare, 45% NTSC, 144Hz, G-SYNC®

- Touchscreen  
None
- Color Calibration  
None
- Keyboard  
White Backlit, Turkish
- 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  
Painting
- Case Material  
PC-ABS (Top), PC-ABS (Bottom)
- Pen  
Pen Not Supported
- Dimensions (WxDxH)<sup>[6]</sup>  
359.6 x 277.6 x 21-25.9 mm (14.16 x 10.93 x 0.83-1.02 inches)
- Weight<sup>[7]</sup>  
Starting at 2.6 kg (5.73 lbs)

## SOFTWARE

- Operating System  
Windows® 11 Home Single Language, Turkish / English
- Bundled Software  
Office Trial

## CONNECTIVITY

- Ethernet  
100/1000M (RJ-45)
- WLAN + Bluetooth<sup>[8]</sup>  
Wi-Fi® 6, 802.11ax 2x2 + BT5.2
- WWAN  
Non-WWAN
- Standard Ports  
• 1x USB 3.2 Gen 1  
• 2x USB 3.2 Gen 2  
• 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 Power connector

- Docking  
Various docking solutions supported via USB-C®.  
For more compatible docking solutions, please visit [Docking for LOQ™ 16IRH8](#)

## 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<sup>[9]</sup>  
None

## CERTIFICATIONS

- Green Certifications  
• ErP Lot 6/26  
• RoHS compliant
- Mil-Spec Test  
MIL-STD-810H military test passed

## MODEL

- TopSeller : Yes
- Announce Date : 2023-04-24
- EAN / UPC / JAN : 196804303543
- End of Support : 2029-05-17



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

Note:  
<sup>[1]</sup> Intel Iris Xe Graphics capability requires system to be.....  
· Lenovo reserves the right to change specifications without notice.  
To see more note information, please link to <https://psref.lenovo.com/Detail/2302?M=82XW0018TX>

## 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.

### 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.

### 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.

### 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 Universal USB-C Dock

THE SMARTER WAY TO WORK Introducing the ThinkPad Universal USB-C Dock. This advanced, universally compatible one-cable docking solution lets you work smarter, not harder. It comes with a vast array of ports, next-gen ...

### Lenovo Professional Wireless Combo Keyboard & Mouse (US English)

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>

**PSREF**  
Product Specifications  
Reference