

## PERFORMANCE

### Processor

Intel® Core™ i7-12800HX, 16C (8P + 8E) / 24T, P-core 2.0 / 4.8GHz, E-core 1.5 / 3.4GHz, 25MB

### Graphics

NVIDIA® GeForce RTX™ 3070 Ti 8GB GDDR6, Boost Clock 1485MHz, TGP 150W

### Chipset

Intel HM670 Chipset

### Memory

2x 8GB SO-DIMM DDR5-4800

### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

### Max Memory

Up to 32GB DDR5-4800 offering

### Storage

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

### Storage Support

Up to two drives, 2x M.2 SSD

- M.2 2280 SSD up to 2TB

### Storage Slot

Two M.2 2280 PCIe 4.0 x4 slots

### Card Reader

None

### Optical

None

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

### Speakers

Stereo speakers (super linear speaker), 2W x2, audio by HARMAN certification, optimized with Nahimic Audio, Smart Amplifier (AMP)

### Camera

FHD 1080p with E-shutter

### Microphone

2x, Array

### Battery

Integrated 99.99Wh

### Max Battery Life

MobileMark® 2018: 7.1 hr

Local video (1080p) playback@150nits: 9.8 hr

### Power Adapter

300W Slim Tip (3-pin)

## DESIGN

### Display

16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% sRGB, 165Hz, DisplayHDR™ 400, Dolby® Vision™, G-SYNC®, Low Blue Light, High Gaming Performance

### Touchscreen

None

### Color Calibration

Factory Color Calibration

### Keyboard

Per-key RGB Backlit, English (US)

### Case Color

Storm Grey (Top), Black (Bottom)

### Surface Treatment

Iron Sandblasting (Anodized)

### Case Material

Aluminium (Top), Aluminium (Bottom)

### Dimensions (WxDxH)

358.1 x 263.5 x 19.4 mm (14.1 x 10.37 x 0.76 inches)

### Weight

Around 2.53 kg (5.58 lbs)

## SOFTWARE

### Operating System

Windows® 11 Home, English

### Bundled Software

Office Trial

## CONNECTIVITY

### Ethernet

2.5GbE (RJ-45)

### WLAN + Bluetooth®

Wi-Fi® 6E, 11ax 2x2 + BT5.1

### Standard Ports

- 2x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer and DisplayPort™ 1.4)
- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 1x USB-C® 3.2 Gen 1 (support data transfer only)
- 1x USB-C 3.2 Gen 2 (support data transfer, Power Delivery 135W and DisplayPort 1.4)
- 1x HDMI®, 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

### Fingerprint Reader

Touch Style, Integrated in Power Button

### Other Security

E-shutter

## SERVICE

### Base Warranty

1-year, Courier or Carry-in

### Included Upgrade

None

## CERTIFICATIONS

### Green Certifications

- ErP Lot 3
- RoHS compliant

### Other Certifications

- TÜV Rheinland® High Gaming Performance
- TÜV Rheinland Low Blue Light (Hardware Solution)

## MODEL

TopSeller : No

Announce Date : 2022-06-24

EAN / UPC / JAN : 196379342640

End of Support : 2028-06-30



intel

## 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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