

## PERFORMANCE

### Processor

AMD Ryzen™ 9 5900HX (8C / 16T, 3.3 / 4.6GHz, 4MB L2 / 16MB L3)

### Graphics

NVIDIA® GeForce® RTX™ 3080 16GB GDDR6, Boost Clock 1545 / 1710MHz, TGP 165W

### Chipset

AMD SoC Platform

### Memory

2x 16GB SO-DIMM DDR4-3200

### Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

### Max Memory

Up to 32GB DDR4-3200 offering

### Storage

1TB SSD M.2 2280 PCIe 3.0x4 NVMe

### Storage Support

Up to two drives, 2x M.2 SSD

- M.2 2280 SSD up to 2TB

### Card Reader

None

### Optical

None

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

### Speakers

Stereo speakers, 2W x2, Nahimic Audio, HARMAN-branded, Smart AMP with super line speaker

### Camera

720p with E-camera Shutter

### Microphone

2x, Array

### Battery

Integrated 80Wh

### Max Battery Life

MobileMark® 2018: 5.1 hr (discrete mode) or 8.3 hr (hybrid mode)

### Power Adapter

300W Slim Tip (3-pin)

## DESIGN

### Display

16" WQXGA (2560x1600) IPS 500nits Anti-glare, 165Hz, 100% sRGB, Dolby® Vision™, HDR 400, Free-Sync, G-Sync, DC dimmer

### Touchscreen

None

### Color Calibrator

Factory Color Calibration

### Keyboard

RGB Backlit, Bulgarian

### Case Color

Storm Grey

### Surface Treatment

Anodizing Sandblasting

### Case Material

Aluminium (Top), Aluminium (Bottom)

### Dimensions (WxDxH)

360 x 260 x 20.1-23.5 mm (14.17 x 10.23 x 0.79-0.93 inches)

### Weight

2.5 kg (5.5 lbs)

## SOFTWARE

### Operating System

None

### Bundled Software

None

## CONNECTIVITY

### Ethernet

100/1000M

### WLAN + Bluetooth®

Killer Wi-Fi® 6 AX1650 11ax, 2x2 + BT5.1

### Standard Ports

- 1x Power connector
- 1x Ethernet (RJ-45)
- 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 and DisplayPort™ 1.4)
- 1x Headphone / microphone combo jack (3.5mm)
- 2x USB 3.2 Gen 1
- 1x HDMI® 2.1
- 1x USB-C 3.2 Gen 2 (support data transfer, Power Delivery 100W and DisplayPort 1.4)

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0

### Fingerprint Reader

None

### Other Security

E-Camera shutter

## SERVICE

### Base Warranty

2-year, Depot

### 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 : Yes

Announce Date : 2021-03-28

EAN / UPC / JAN : 195477727205

End of Support : 2027-04-12



AMD

## 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

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### 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 Professional 15.6-inch Backpack

4X40Q26383

The Lenovo ThinkPad Professional Backpack is a streamlined yet versatile backpack for the on-the-go professional. This clean, modern design carries, protects, and organizes your mobile office, while premium, lightweight...

### ThinkPad 15.6-inch Essential Topload Case

4X40E77328

Specifically designed for the budget-conscious customer who values a functional and lightweight case, the Essential Toploader offers uncompromising quality. Made of durable, lightweight nylon, this backpack boasts a p...

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

## PSREF

Product Specifications  
Reference