## PERFORMANCE

**Processor**
AMD Ryzen™ 5 5500H (4C / 8T, 3.3 / 4.2GHz, 2MB L2 / 8MB L3)

**Graphics**
NVIDIA® GeForce RTX™ 2050 4GB GDDR6

**Chipset**
AMD SoC Platform

**Memory**
1x 16GB SO-DIMM DDR4-3200

**Memory Slots**
Two DDR4 SO-DIMM slots, dual-channel capable

**Max Memory**[1]
Up to 16GB DDR4-3200 offering

**Storage**
512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

**Storage Support**[2]
Non-RTX 3060 models: up to two drives, 2x M.2 SSD or 1x 2.5″ HDD + 1x M.2 SSD
• 2.5″ HDD up to 1TB
• M.2 2242 SSD up to 512GB
• M.2 2280 SSD up to 1TB

**Storage Slot**
Non-RTX 3060 models: one 2.5″ drive slot + two M.2 slots
• One 2.5″ SATA HDD slot
• One M.2 2242 PCIe® 3.0 x4 slot
• One M.2 2280 PCIe® 3.0 x2 slot
HDD slot and M.2 2280 slot are used exclusively

**Card Reader**
None

**Optical**
None

**Audio Chip**
High Definition (HD) Audio, Realtek® ALC3287 codec

**Speakers**
Stereo speakers, 2W x2, Nahimic Audio

**Camera**
HD 720p with Privacy Shutter

**Microphone**
2x, Array

**Battery**
Integrated 45Wh

**Power Adapter**
135W Slim Tip (3-pin)

## DESIGN

**Display**[3]
15.6″ FHD (1920x1080) IPS 250nits Anti-glare, 45% NTSC, 60Hz

**Touchscreen**
None

**Keyboard**
4-Zone RGB Backlit, French

**Touchpad**
Buttonless Mylar® surface multi-touch touchpad, 70 x 120 mm (2.76 x 4.72 inches)

**Case Color**
Shadow Black

**Surface Treatment**
IMR (In-Mold Decoration by Roller)

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

**Dimensions (WxDxH)**[4]
359.6 x 251.9 x 24.2 mm (14.16 x 9.92 x 0.95 inches)

**Weight**[5]
Around 2.25 kg (4.96 lbs)

## SOFTWARE

**Operating System**
Windows® 11 Home, French

**Bundled Software**
Office Trial

## CONNECTIVITY

**Ethernet**
100/1000M (RJ-45)

**WLAN + Bluetooth®**
Wi-Fi® 5, 802.11ac 2x2 + BT5.0

**Standard Ports**
• 2x USB 3.2 Gen 1
• 1x USB-C® 3.2 Gen 1 (support data transfer only)
• 1x HDMI® 2.0
• 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 IdeaPad® Gaming 3 15ACH6

## SECURITY & PRIVACY

**Security Chip**
Firmware TPM 2.0

**Fingerprint Reader**
None

**Other Security**
Camera privacy shutter

## SERVICE

**Base Warranty**
2-year, Courier or Carry-in

**Included Upgrade**
None

## ACCESSORIES

**Bundled Accessories**[6]
None

## CERTIFICATIONS

**Green Certifications**
• ErP Lot 3
• RoHS compliant

## MODEL

| | | | |
|---|---|---|---|
| **TopSeller** | : Yes | **Announce Date** | : 2023-09-05 |
| **EAN / UPC / JAN** | : 197532623019 | **End of Support** | : 2027-07-02 |

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] The system dimensions may vary depending on configurations.
[5] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.
[6] For more compatible accessory solutions, please visit

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to
https://psref.lenovo.com/Detail/1620?M=82K2028TFR

# 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

# Recommended Accessories

### Lenovo USB-C 7-in-1 Hub
4X90V55523

Travel - Ready Productivity. One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo USB-C 7-in-1 Hub fits unlimited productivity i...

### 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**

**Lenovo**

**PSREF**
Product Specifications Reference