

# IdeaPad Gaming 3 15ACH6 82K200K2TX

**Lenovo****PSREF**  
Product Specifications  
Reference

## PERFORMANCE

### Processor

AMD Ryzen™ 5 5600H (6C / 12T, 3.3 / 4.2GHz, 3MB L2 / 16MB L3)

### Graphics

NVIDIA® GeForce RTX™ 3050 Ti 4GB GDDR6, Boost Clock 1485 / 1597.5MHz, TGP 85W

### Chipset

AMD SoC Platform

### Memory

1x 8GB SO-DIMM DDR4-3200

### Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

### Max Memory<sup>[1]</sup>

Up to 16GB DDR4-3200 offering

### Storage

512GB SSD M.2 2280 PCIe® 3.0x4 NVMe®

### Storage Support<sup>[2]</sup>

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<sup>[3]</sup>

15.6" FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB, 165Hz

### Touchscreen

None

### Keyboard

4-Zone RGB Backlit, Turkish

### 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)<sup>[4]</sup>

359.6 x 251.9 x 24.2 mm (14.16 x 9.92 x 0.95 inches)

### Weight<sup>[5]</sup>

Around 2.25 kg (4.96 lbs)

## SOFTWARE

### Operating System

None

### Bundled Software

None

## CONNECTIVITY

### Ethernet

100/1000M (RJ-45)

### WLAN + Bluetooth<sup>[6]</sup>

Wi-Fi® 6, 802.11ax 2x2 + BT5.1

### 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<sup>[7]</sup>

Lenovo® IdeaPad® Gaming M100 RGB Mouse

## CERTIFICATIONS

### Green Certifications

- ErP Lot 3
- RoHS compliant

## MODEL

TopSeller : Yes

Announce Date : 2021-06-17

EAN / UPC / JAN : 195890624679

End of Support : 2027-07-02



AP027

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] Wi-Fi 6 full features might be limited by country-level.....

• Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/1620?M=82K200K2TX>

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### REAL PERSON

Choose how you want to reach us - through the phone, chat or email - our expert technicians will take care of you.



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## 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.

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## Warranty Extensions & Upgrades – Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Technician Installed Customer
- Onsite Support
- Replaceable Unit Service
- International Warranty Upgrade

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## 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>

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