

# IdeaPad Gaming 3 15ACH6 82K200URUS

Lenovo

**PSREF**  
Product Specifications  
Reference

## PERFORMANCE

### Processor

AMD Ryzen™ 7 5800H (8C / 16T, 3.2 / 4.4GHz, 4MB L2 / 16MB L3)

### Graphics

NVIDIA® GeForce RTX™ 3060 6GB GDDR6, Boost Clock 1282 / 1485MH, TGP 90W

### Chipset

AMD SoC Platform

### Memory

1x 8GB SO-DIMM DDR4-3200

### Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

### Max Memory

Up to 16GB DDR4-3200 offering

### Storage

512GB SSD M.2 2280 PCIe® 3.0x4 NVMe®

### Storage Support

Model with RTX 3060: up to two drives, 2x M.2 SSD

- M.2 2242 SSD up to 512GB
- M.2 2280 SSD up to 1TB

### Storage Slot

RTX 3060 model: two M.2 slots

- One M.2 2242 PCIe Gen 3x4 slot, supports M.2 2242 SSD
- One M.2 2280 PCIe Gen 3x2 slot, supports M.2 2242/2280 SSD

### 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 Camera Shutter

### Microphone

2x, Array

### Battery

Integrated 60Wh

### Max Battery Life

MobileMark® 2018: 7 hr (60Wh)

### Power Adapter

170W Slim Tip (3-pin)

## DESIGN

### Display

15.6" FHD (1920x1080) IPS 250nits Anti-glare, 120Hz, 45% NTSC, DC dimmer

### Touchscreen

None

### Keyboard

White Backlit, English (US)

### Case Color

Shadow Black

### Surface Treatment

IMR (In-Mold Decoration by Roller)

### Case Material

PC + ABS (Top), PC + ABS (Bottom)

### Dimensions (WxDxH)

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

### Weight

Around 2.25 kg (4.96 lbs)

## SOFTWARE

### Operating System

Windows® 11 Home 64, English

### Bundled Software

Office Trial

## CONNECTIVITY

### Ethernet

100/1000M

### WLAN + Bluetooth®

Wi-Fi® 6 11ax, 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 Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0

### Fingerprint Reader

None

### Other Security

Camera privacy shutter

## SERVICE

### Base Warranty

1-year, Depot

### Included Upgrade

None

## ACCESSORIES

### Bundled Accessories

Lenovo® IdeaPad® Gaming M100 RGB Mouse

## CERTIFICATIONS

### Green Certifications

- ErP Lot 3
- RoHS compliant

## MODEL

TopSeller : No

EAN / UPC / JAN : 196118026046

Announce Date : 2021-10-05

End of Support : 2027-07-02



AMD

- Lenovo reserves the right to change specifications or other product information without notice.
- Battery life is an estimated maximum. Actual battery life may vary by hardware or system settings, active applications, battery conditioning, etc.
- California Electronic Waste Recycling Fee In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>

## 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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

## 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...

## Recommended Services

BEST	3Y Premium Care with Onsite upgrade from 1Y Courier/Carry-in (5WS0T73714)
BETTER	3Y Onsite upgrade from 1Y Mail-in delivery (5WS0K75674)
GOOD	3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in (5WS0K75663)

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



**PSREF**  
Product Specifications  
Reference