

IdeaPad Gaming 3 15ACH6 82K200HGRE

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 4GB GDDR6, Boost Clock 1500MHz, TGP 75W

Chipset

AMD SoC Platform

Memory

1x 16GB 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 2242 PCIe® 3.0x4 NVMe®

Storage Support

Non-RTX 3060 model: up to two drives, 1x 2.5" HDD + 1x M.2 2242 SSD or 1x M.2 2242/2280 SSD + 1x M.2 2242 SSD

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

Card Reader

None

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, Nahimic Audio

Camera

720p with Camera Shutter

Microphone

2x, Array

Battery

Integrated 45Wh

Max Battery Life

MobileMark® 2018: 5 hr (45Wh)

Power Adapter

170W Slim Tip (3-pin)

DESIGN

Display

15.6" FHD (1920x1080) IPS 250nits Anti-glare, 60Hz, 45% NTSC, DC dimmer

Touchscreen

None

Keyboard

White Backlit, Russian

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

2.25 kg (4.96 lbs)

SOFTWARE

Operating System

None

Bundled Software

None

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

2-year, Depot

Included Upgrade

None

ACCESSORIES

Bundled Accessories

None

CERTIFICATIONS

Green Certifications

- ErP Lot 3
- RoHS compliant

MODEL

TopSeller

: Yes

Announce Date

: 2021-07-02

EAN / UPC / JAN

: 195892008613

End of Support

: 2027-07-02



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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

4XA0Q26383

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 UltraSlim USB DVD Burner

4XA0E97775

ThinkPad UltraSlim USB DVD Burner -- is a small form factor external portable DVD and CD recordable drive that can be attached to Notebooks with USB2.0 port or USB3.0 port. With 9.5mm UltraSlim engine, 20% slimmer tha...

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

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