

# IdeaPad Gaming 3 15ARH7 82SB00FKBM

## PSREF

Product Specifications  
Reference

### PERFORMANCE

#### Processor

AMD Ryzen™ 7 6800H (8C / 16T, 3.2 / 4.7GHz, 4MB L2 / 16MB L3)

#### Graphics

NVIDIA® GeForce RTX™ 3050 Ti 4GB GDDR6, Boost Clock 1695MHz, TGP 85W

#### Chipset

AMD SoC Platform

#### Memory

1x 16GB SO-DIMM DDR5-4800

#### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

#### Max Memory

Up to 16GB DDR5-4800 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 1TB
- M.2 2242 SSD up to 1TB

#### Storage Slot

Two M.2 slots

- One M.2 2242 PCIe 4.0 x4 slot
- One M.2 2280 PCIe 4.0 x4 slot

#### 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 60Wh

#### Max Battery Life

Models with 60Wh battery:

MobileMark® 2018: 7.8 hr

Local video (1080p) playback@150nits: 13.1 hr

#### Power Adapter

170W Slim Tip (3-pin)

### DESIGN

#### Display

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

#### Touchscreen

None

#### Keyboard

White Backlit, Bulgarian

#### Case Color

Onyx Grey

#### Surface Treatment

Painting

#### Case Material

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

#### Dimensions (WxDxH)

359.6 x 266.4 x 21.8 mm (14.16 x 10.49 x 0.86 inches)

#### Weight

Starting at 2.315 kg (5.1 lbs)

### SOFTWARE

#### Operating System

None

#### Bundled Software

None

### CONNECTIVITY

#### Ethernet

100/1000M

#### WLAN + Bluetooth®

Wi-Fi® 6 11ax, 2x2 + BT5.1

#### Standard Ports

- 2x USB 3.2 Gen 1
- 1x USB-C® 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 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, Courier or Carry-in

#### Included Upgrade

None

### ACCESSORIES

#### Bundled Accessories

None

### CERTIFICATIONS

#### Green Certifications

- ErP Lot 3
- RoHS compliant

### MODEL

TopSeller : Yes

EAN / UPC / JAN : 196802180030

Announce Date : 2022-06-21

End of Support : 2028-04-29



AMD

- Lenovo reserves the right to change specifications or other product information without notice.
- Product image on this page is a sample, it may not match the real color of this model
- Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences

## 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.

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'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 UltraSlim USB DVD Burner

4XA0E9775

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...

### ThinkPad Hybrid USB-C with USB-A Dock (American Standard Plug Type B)

40AF0135US

The ThinkPad Hybrid USB-C with USB-A Dock expands the capabilities of most any laptop, new or old, making it perfect for enterprise customers with mixed-PC or shared-desk environments. Featuring enterprise-class manag...

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

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