

# IdeaPad Gaming 3 15ARH05 82EY00B2AX

## PSREF

Product Specifications  
Reference

### PERFORMANCE

#### Processor

AMD Ryzen™ 7 4800H (8C / 16T, 2.9 / 4.2GHz, 4MB L2 / 8MB L3)

#### Graphics

NVIDIA® GeForce® GTX 1650 4GB GDDR6

#### Chipset

AMD SoC Platform

#### Memory

2x 8GB SO-DIMM DDR4-3200

#### Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

#### Max Memory

Up to 16GB DDR4-3200 offering

#### Storage

256GB SSD M.2 2242 PCIe® 3.0x4 NVMe® + 1TB HDD 5400rpm 2.5"

#### Storage Support

Up to two drives, 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 512GB

#### Card Reader

None

#### Optical

None

#### Audio Chip

High Definition (HD) Audio

#### Speakers

Stereo speakers, 1.5W x2, Dolby® Audio™

#### Camera

720p with Privacy Shutter

#### Microphone

2x, Array

#### Battery

Integrated 45Wh

#### Max Battery Life

MobileMark® 2018: 6.7 hr

#### Power Adapter

135W Slim Tip (3-pin)

### DESIGN

#### Display

15.6" FHD (1920x1080) IPS 250nits Anti-glare, 120Hz

#### Touchscreen

None

#### Keyboard

Blue Backlit, Arabic

#### Case Color

Chameleon Blue

#### Surface Treatment

IMR (In-Mold Decoration by Roller)

#### Case Material

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

#### Dimensions (WxDxH)

359 x 249.6 x 24.9 mm (14.13 x 9.83 x 0.98 inches)

#### Weight

2.2 kg (4.8 lbs)

### SOFTWARE

#### Operating System

FreeDOS

#### Bundled Software

None

### CONNECTIVITY

#### Ethernet

100/1000M

#### WLAN + Bluetooth®

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 Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

### SECURITY & PRIVACY

#### Security Chip

Firmware TPM 2.0

#### Fingerprint Reader

None

#### Physical Locks

No physical locks

#### Other Security

Camera privacy shutter

### SERVICE

#### Base Warranty

1-year, Depot

#### Included Upgrade

None

### ACCESSORIES

#### Bundled Accessories

Lenovo® Gaming M100 RGB Mouse

### CERTIFICATIONS

#### Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

### MODEL

TopSeller : Yes

Announce Date : 2021-01-26

EAN / UPC / JAN : 195235750421

End of Support : 2026-08-20



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.

### 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

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## 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

BETTER	3Y Premium Care with Onsite upgrade from 1Y Courier/Carry-in (5WS0T73714)
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>

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