IdeaPad Gaming 3 15ARH7 82SB0001US

PSREF
Product Specifications Reference

PERFORMANCE

Processor
AMD Ryzen™ 5 6600H (6C / 12T, 3.3 / 4.5GHz, 3MB L2 / 16MB L3)

Graphics
NVIDIA® GeForce RTX™ 3050 4GB GDDR6, Boost Clock 1740MHz, TGP 85W

Chipset
AMD SoC Platform

Memory
1x 8GB SO-DIMM DDR5-4800

Memory Slots
Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory
Up to 16GB DDR5-4800 offering

Storage
256GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Support
Up to two drives, 2x M.2 SSD
• M.2 2242 SSD up to 1TB
• M.2 2280 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 45Wh

Max Battery Life
Models with 45Wh battery:
MobileMark® 2018: 5.7 hr
Local video (1080p) playback@150nits: 9.8 hr

Power Adapter
170W Slim Tip (3-pin)

DESIGN

Display
15.6" FHD (1920x1080) IPS 250nits Anti-glare, 45% NTSC, 120Hz, FreeSync™

Touchscreen
None

Color Calibration
No color calibration

Keyboard
White Backlit, English (US)

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 2.32 kg (5.1 lbs)

SOFTWARE

Operating System
Windows® 11 Home, English

Bundled Software
Office Trial

CONNECTIVITY

Ethernet
100/1000M (RJ-45)

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
1-year, Courier or Carry-in

Included Upgrade
None

ACCESSORIES

Bundled Accessories
None

CERTIFICATIONS

Green Certifications
- ErP Lot 3
- RoHS compliant

MODEL

TopSeller	: No	**Announce Date**	: 2022-06-25
EAN / UPC / JAN	: 196379141533	**End of Support**	: 2028-04-29



· 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

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Recommended Accessories



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...

Recommended Services

BEST	3Y Premium Care Plus upgrade from 1Y Courier/Carry-in (5WS1J38620)
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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Product Specifications Reference