

IDEAPAD

Gaming 3 (16", 7)

Get good, get gaming.

Stylish Onyx Grey design with blue accents is a subtle flex on a stylish machine. Keep cool, quiet, and sexy with the latest Quad Vent thermal technology. Embrace the latest memory with DDR5 that brings you more bandwidth, increased efficiency, and boosted reliability. Streamline your machine with a rear I/O dashboard that keeps things super squeaky clean. A 16:10 WQHD+ IPS display (2560 x 1600) with a 165 Hz refresh rate gets you gaming prowess and productivity that exceeds your needs. Plus, the latest generation AMD Ryzen™ 6000 Series processors and searing graphics power from up to NVIDIA® GeForce RTX™ 3050 Ti graphics deliver the daring performance and power that every burgeoning gamer needs. Get gaming, get good, and go get what you need.

WHY YOU SHOULD BUY THE LENOVO IDEAPAD GAMING 3 (16", 7)



Speed meets endurance with AMD Ryzen™ processors

Speed meets endurance when you play with a gaming laptop powered by AMD Ryzen™ processors. Seize the pure performance you need to win, without compromising battery life.



See it all. So much more clearly

Sick of gaming on a low-refresh low-resolution screen? The IdeaPad Gaming 3 is here to answer your every need. With a WQHD+ (2560 x 1600) display delivering top quality in the category, your plays and streams won't be lacking a thing. Freaky-good framerate from the 165 Hz refresh display means more plays with more speed. Plus, a 16:10 aspect ratio with up to 500 nits brightness means this laptop is perfect for gaming and productivity. Throw in 4-sided narrow bezels for maximum screen coverage and you'll swear you're just seeing things.



The ultimate play

GeForce RTX™ 30 Series GPUs deliver the ultimate performance for gamers and creators. They're powered by Ampere—NVIDIA's 2nd gen RTX architecture—with new RT Cores, Tensor Cores, and streaming multiprocessors for the most realistic ray-traced graphics and cutting-edge AI features.



The silent gaming machine

Quad Vent jet-inspired thermal technology from IdeaPad Gaming cools your machine drastically. 15% cooler performance across the board comes from 20% larger ventilation rate compared to last generation, as well as an increased fan airflow and some bonus cooling from keyboard air intake. Cool cats require cool machines, don't you think? Don't suffer loud fan noise on a laptop that's meant to fit into any environment sleekly and subtly.



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Lenovo

IDEAPAD

Gaming 3 (16", 7)

SPECIFICATIONS

IdeaPad Gaming 3 16ARH7*

PERFORMANCE

Processor

AMD Ryzen™ 7 6800H

(8-Core / 16-Thread, 20MB Cache,
Up to 4.7 GHz Max. Boost)

AM Ryzen™ 5 6600H

(6-Core / 12-Thread, 19MB Cache,
Up to 4.5 GHz Max. Boost)

Operating System

Windows 11 Pro
Windows 11 Home

Graphics

NVIDIA® GeForce RTX™ 3050 Ti; 4 GB GDDR6
(Listed Boost Clock 1485 MHz,
Achieved Boost Clock 1695 MHz,
Maximum Graphics Power 85W)
NVIDIA® GeForce RTX™ 3050; 4 GB GDDR6
(Listed Boost Clock 1500 MHz,
Achieved Boost Clock 1740 MHz,
Maximum Graphics Power 85W)

Memory

4800 MHz DDR5

8 GB / 16 GB (1 x 16 GB / 2 x 8 GB) /
32 GB (2 x 16 GB)¹

Storage

PCIe® NVMe™ TLC M.2 2242 SSD (Gen 4)
256 GB / 512 GB / 1 TB

PCIe® NVMe™ QLC M.2 2280 SSD (Gen 3)
512 GB / 1 TB

Battery²

71W (4-Cell Battery): Up to 7 Hours (Target)³
Rapid Charge Pro (30 min charge 50%)

DESIGN

Display

16" WQHD+ (2560 x 1600) IPS, 16:10
(165 Hz / 100% sRGB / 500 nits);
AMD FreeSync™ Premium⁴

16" FHD+ (1920 x 1200) IPS, 16:10
(165 Hz / 100% sRGB / 350 nits);
AMD FreeSync™ Premium⁴

Dimension (W x D x H) (Target)⁵

(mm) : 359.6 x 277.8 x 20.9–25.9
(inches) : 14.2" x 10.9" x 0.8"–1.0"

Weight (Target)⁶

Up to 2.5 kg (5.51 lbs)

Color

Onyx Grey

¹ Tech ready.

² All battery life claims are approximate and based on results using the MobileMark® 2018 v1.0.2.46 battery life benchmark test. Actual battery life will vary and depends on many factors, such as product configuration and usage, software use, wireless functionality, power management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.

³ Final battery life to be finalized Spring 2022 or Product SS 2022. Testing conducted by Lenovo.

⁴ AMD FreeSync™ technology is supported on the built-in laptop panel, which is enabled by the AMD Ryzen™ processor and the AMD Radeon™ driver. Driver update may be required.

⁵ Final dimension to be finalized Spring 2022 or Product SS 2022.

⁶ Final weight to be finalized Spring 2022 or Product SS 2022.

⁷ The actual transfer speed of the USB 3.2 will vary and, depending on many factors, such as the processing capability of host and peripheral devices, file attributes and other factors related to system configuration and your operating environments, will be slower than a speed of 20 Gbit/s.

⁸ Except Japan, India and China.

CONNECTIVITY

Webcam

Built-in FHD Camera (1080P) with
Dual Microphone Array
Physical Privacy Shutter

WLAN

2x2 Wi-Fi 6 (802.11 ax)
2x2 Wi-Fi 5 (802.11 ac)

Bluetooth®

Starting from Bluetooth® 5.0

Audio

2 x 2W Stereo Speakers with Nahimic Audio

Input/Output (I/O) Ports

Left

1 x USB 3.2⁷ Gen 1 (Type-A)
1 x Audio Jack (Microphone & Earphone)

Right

1 x USB 3.2⁷ Gen 1 (Type-A)

Rear

1 x USB 3.2⁷ Gen 2 (Type-C™),
(DisplayPort™ 1.4, Power Delivery 3.0)
1 x HDMI™ 2.0
1 x RJ45
1 x DC-In

PRELOADED SOFTWARE

- Lenovo Vantage
- McAfee® LiveSafe™
- Microsoft Office Trial⁸
- XBOX Game Pass



OPTIONS & ACCESSORIES



Lenovo
IdeaPad Gaming
M100 RGB Mouse



Lenovo
IdeaPad Gaming
H100 Headset



Lenovo
IdeaPad Gaming
Modern Backpack

* Example of Lenovo catalogue naming convention

IdeaPad	Gaming	3	1	6	A	R	H	7
Sub-brand		Position	Screen Size		Platform			Generation

LENOVO SERVICES

Lenovo Premium Care

Premium Care is the hassle-free solution for all your technical support needs. Upgrade your PC's standard warranty to our front-of-the-queue customer support service and get 24/7 real-person support via phone, chat, or email from experts who provide solutions on your first contact.

Lenovo Smart Performance

Smart Performance Services within Lenovo Vantage will keep your system running at optimum performance and proactively fix issues that affect PC performance, internet performance, remove malware, and improve device security.

Lenovo Accidental Damage Protection

Avoid the hassles of unexpected damage & repair costs. With coverage for drops, spills, electric surges, and broken LCD screens, accidental damage protection makes it easy to repair to your PCs and ensures your device is up and running fast.

Lenovo Smart Privacy Services

Smart Privacy Services within Lenovo Vantage puts you in control of your privacy with an intelligent software that makes your browsing experience more private by blocking third-party web trackers, secures your online accounts, encrypts your Wi-Fi connection, monitors your information for exposure in organizational data breaches, and removes your profiled data from select sites found on the internet.

McAfee® LiveSafe™

Register McAfee® to enjoy these benefits in your FREE 30-day trial.

- Award-winning Antivirus
- Password Manager
- Safe Web Browsing
- Multi-device Compatibility
- Identity Theft Protection
- Free Customer Support

Lenovo Sealed Battery Warranty

Long-lasting battery life is not just a feature but a necessity to help you stay productive and connected all day long. Protect your PC's sealed battery from degradation, enjoy hassle-free battery replacement service, and safeguard your PC from future battery failure with our Sealed Battery Warranty Service.

Lenovo Warranty Extensions (Up to 3 Years Duration)

Gain complete peace of mind by extending your base warranty to up to 3 years and minimize unexpected repair costs.

Lenovo Premium Care Plus*

The ultimate PC support experience, with you as our priority 24/7. Enjoy personalized hardware and software support from a global network of elite technicians, along with accidental damage protection, extended battery warranty support, and smart performance solutions that ensure optimized PC performance and security.

* Launching in March 2022 in US, Canada, and AP English markets.

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