

# IDEAPAD

## Gaming 3i (16", 7)

### Gateway to gaming.

Sleek new designs from the Lenovo IdeaPad Gaming 3i (16", 7) flex not only your style, but also your capabilities. Get killer quality videos and gorgeous gaming from a WQHD+ (2560 x 1600) screen with the latest 12<sup>th</sup> Generation Intel® Core™ processors and up to NVIDIA® GeForce RTX™ 3060 graphics for killer gaming.

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



##### Built for the next generation of gaming

12<sup>th</sup> Generation Intel® Core™ processors give you superior gaming performance while delivering the flexibility to seamlessly multitask. Innovative new architecture matches the right core to the right workload, so background tasks won't interrupt your game. Giving you the freedom to chat, browse, stream, edit, record, and play without skipping a beat.



##### The ultimate play

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



##### A dazzling display with plenty of screen

No great gamer does great things without a dazzling display with plenty of screen. The 16" WQHD+ (2560 x 1600) display delivers gorgeous gaming, with a refresh rate all the way up to 165 Hz for freaky-good framerates. The 16:10 aspect ratio means more screen for more things, and 500 nits brightness with 100% sRGB offers jaw-dropping cinematics in true color and real visual immersion.



##### Clean, streamlined, and sleek

Onyx Grey cover design come equipped with some sleek additions of blue accents along the thermal vents on this machine. The rear I/O dashboard has all your ports in perfect position so your cable management stays clean. And the 1080p FHD camera with privacy shutter right out of the box is great for streaming, so you can flaunt your top plays or video call seamlessly.



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Lenovo

# IDEAPAD

## Gaming 3i (16", 7)

### SPECIFICATIONS

IdeaPad Gaming 3 16IAH7\*

#### PERFORMANCE

##### Processor

12<sup>th</sup> Generation Intel® Core™ i7-12700H  
12<sup>th</sup> Generation Intel® Core™ i7-12650H  
12<sup>th</sup> Generation Intel® Core™ i5-12500H  
12<sup>th</sup> Generation Intel® Core™ i5-12450H

##### Operating System

Windows 11 Pro  
Windows 11 Home

##### Graphics

NVIDIA® GeForce RTX™ 3060; 6 GB GDDR6  
(Listed Boost Clock 1425 MHz,  
Achieved Boost Clock 1642 MHz,  
Maximum Graphics Power 105W)  
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

3200 MHz DDR4  
8 GB / 16 GB (1 x 16 GB / 2 x 8 GB) /  
32 GB (2 x 16 GB)<sup>1</sup>

##### 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

##### Battery<sup>2</sup>

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

#### DESIGN

##### Display

16.0" WQHD+ (2560 x 1600) IPS; 16:10  
(165 Hz / 100% sRGB / 500 nits)  
16.0" FHD+ (1920 x 1200) IPS; 16:10  
(165 Hz / 100% sRGB / 350 nits)

##### Dimension (W x D x H) (Target)<sup>4</sup>

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

##### Weight (Target)<sup>5</sup>

Up to 2.5 kg (5.5 lbs)

##### Color

Onyx Grey

<sup>1</sup> Tech ready.

<sup>2</sup> 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.

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

<sup>4</sup> Final dimension to be finalized Spring 2022 or Product SS 2022.

<sup>5</sup> Final weight to be finalized Spring 2022 or Product SS 2022.

<sup>6</sup> 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.

<sup>7</sup> Thunderbolt™ 4 not available on models with NVIDIA® GeForce RTX™ 3060 graphics cards.

<sup>8</sup> Except Japan, India and China.

#### CONNECTIVITY

##### Webcam

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

##### WLAN

2x2 Intel® WiFi 6 (802.11 ax)  
2x2 Intel® WiFi 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 3.2<sup>6</sup> Gen 1 (Type-A)  
1 x Audio Jack (Microphone & Earphone)

###### Right

1 x USB 3.2<sup>6</sup> Gen 1 (Type-A)

###### Rear

1 x USB 3.2<sup>6</sup> Gen 2 (Type-C™)  
(Thunderbolt™ 4<sup>7</sup>, 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 Trial<sup>8</sup>
- XBOX Game Pass

### 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 WiFi connection, monitors your

information for exposure in organizational data breaches, and removes your profiled data from select sites found on the internet.

#### 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 24/7 priority. Enjoy personalized hardware and software support from a global network of elite technicians, along with extensive solutions that protect your PC from accidental damage, battery degradation, and ensures optimized PC performance and security.

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

### 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	I	A	H	7
Sub-brand		Position	Screen Size		Platform			Generation

### McAfee® LiveSafe™

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

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



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