

# Top 8 best quality laser gaming mice to buy in 2023

Laser mice are indispensable accessories for all computers, bringing many conveniences and helping to improve the quality of your experience.

The development of modern technology has created countless products that suit the needs of consumers in general and gamers in particular. A quality mouse will bring you the best user experience. Next, TipsMake will introduce the criteria for choosing to buy a mouse and the top 8 laser mice that play well and are worth buying today through the article below.

## What is a Laser Mouse?

A **Laser Mouse** is a type of mouse that uses **laser light** for sensing to optimize the user experience. Normally, this product will have a higher DPI resolution than optical mice at about **6000 - 15,000 DPI** and is good for use on all contact surfaces.

However, laser mice have a disadvantage that you need to consider before buying: it creates a feeling of lag and jerking when moving the mouse at slow speeds.

Picture 1 of Top 8 best quality laser gaming mice to buy in 2023

## Distinguish between optical mouse and laser mouse?

After understanding the concept of a laser mouse, you need to grasp the information provided by TipsMake below to **distinguish between an optical mouse and a laser mouse** as follows:

### 1. Accuracy and resolution

Rated to have higher resolution than conventional optical mice. The average DPI of a laser mouse reaches **3,000**, while the DPI of an optical mouse only reaches about **1,200**.

Picture 2 of Top 8 best quality laser gaming mice to buy in 2023

Because movement speed depends a lot on the resolution of the mouse device you own. Therefore, the speed of camera rotation in gaming platforms or the frequency of operations with laser mice are always rated higher than optical mice. However, you should prioritize choosing a mouse with as high a resolution as possible, not necessarily choosing a Laser.

A mouse line that serves the gaming needs of users well must have a DPI resolution of **1,000 - 2,400** . Therefore, you need to pay attention to this information when choosing to buy any gaming mouse line.

## 2. Speed and response time

For a professional gamer or streamer, the mouse response time is always a necessary condition for them to choose and trust the product.

Speed and response time depend on the design of each brand providing the mouse. Normally, popular mouse lines are designed with a response time of **10ms** . As for mice used specifically for gaming, the response time requirement must be within **1ms** .

Picture 3 of Top 8 best quality laser gaming mice to buy in 2023

In terms of response speed, laser mice are rated higher than optical mice. Because the response speed of the mouse device depends on **the resolution** of the sensor and the screen. You can also check this as follows: Move the mouse pointer diagonally across the screen. Optical mice will take 4 - 5cm of optical path, while laser mice only take 2 -3cm.

In addition, the reason for this difference in speed is because the laser mouse is equipped with semiconductor laser accessories that help the laser sensor read information better than a conventional optical mouse.

## 3. Design and backlight

This is a differentiating factor that you can easily recognize when observing both mouse lines compared. With the laser mouse line, it is more optimized in design when there are many diverse models on the market. At the same time, this device is also equipped with additional function buttons on the mouse and unique backlight to bring the most convenience to users.

Optical mice are more widely known and used. The sensor LED system of optical mice is usually red, green, or blue. The infrared light remains active for some time after you turn off the device. This causes discomfort for users, especially when used at night.

In contrast, laser mice also emit light, but the laser beams are invisible to the naked eye. From there, it maximizes the user's vision and does not cause discomfort while working.

Picture 4 of Top 8 best quality laser gaming mice to buy in 2023

## 4. Price

With the integration of many high-end accessories, the current price of laser mice is higher than that of optical mice.

However, if you buy an optical mouse to use, you need to buy an additional rubber mouse mat. Because the biggest drawback of this mouse line is that it cannot operate on reflective surfaces. Therefore, you need to determine your purpose and financial conditions before making a decision on which mouse product to buy.

# Advantages and disadvantages of optical mouse and laser mouse

To summarize the advantages and disadvantages of optical mice and laser mice, **TipsMake** will present this content through the analysis table below. Let's take a look to find the product that suits your needs!

Product's name	Advantage	Defect
<b>Optical mouse</b>	<ul style="list-style-type: none"><li>– Cheap price, suitable for many customer segments.</li><li>– Suitable for needs that do not require high precision.</li><li>– Integrates basic equipment of a mouse.</li></ul>	<ul style="list-style-type: none"><li>– Accuracy is not as high as laser mouse.</li><li>– Limited use when not operating on reflective surfaces such as glass or mirrors.</li><li>– Wastes battery power with optical mice with wireless connection.</li></ul>
<b>Laser mouse</b>	<ul style="list-style-type: none"><li>– High response speed and accuracy.</li><li>– Works on reflective surfaces.</li><li>– High resolution and stable sensitivity.</li><li>– Limit battery consumption for users.</li><li>– Suitable for all customers, especially gamers.</li></ul>	<ul style="list-style-type: none"><li>– The price of the product is more expensive than an optical mouse.</li><li>– Mouse sensitivity is sometimes a double-edged sword that limits the user experience.</li></ul>

Picture 5 of Top 8 best quality laser gaming mice to buy in 2023

## Should I choose an optical mouse or a laser mouse?

Choosing an optical mouse or laser mouse depends on the purpose of use, preferences and work characteristics of each customer.

In general, **laser mice** are rated higher than conventional optical mice. Because, with the development of technology today, many optical mouse lines have also begun to integrate more modern features to maximize user experience.

Picture 6 of Top 8 best quality laser gaming mice to buy in 2023

**Laser mice** are considered the perfect companion when you are in a hotel room, sofa, cafe, car,. even during important meetings. Because, in these situations, the performance of a laser mouse will be better than a regular optical mouse.

Besides, you will find the laser mouse more useful in cases where you have to put the mouse on your lap to use or your workplace is equipped with shiny furniture. Thanks to this flexibility, the price of laser mice is often more expensive than optical mice distributed on the market.

However, if you do not need to use the mouse on bright, shiny surfaces, an optical mouse is also a suitable choice for you.

# Criteria for choosing a gaming mouse

To choose to buy a quality laser mouse device and ensure performance at work, you should pay attention to the following criteria:

## 1. Mouse form

A mouse product that provides a quality experience along with effective working performance will have to be structured to suit the size of your hand. Because a mouse form that fits the user's hand will help them grasp the mouse firmly and operate more easily.

If you are someone with large hands, you should choose laser mice that are large and fit the palm of your hand. On the contrary, if your hand is smaller in size, you should prioritize choosing mouse products that are light, moderate in weight and have the same shape.

Picture 7 of Top 8 best quality laser gaming mice to buy in 2023

## 2. DPI

**DPI (Dots per inch)** is an important parameter that you should not ignore when deciding to buy a laser mouse product. Because this is the component that represents the resolution of the mouse device when playing games. From there, it gives you more precise and quality operations when manipulating the mouse.

Depending on the brand that produces the product, this parameter will have different frequencies. Normally, a laser mouse product that achieves standard quality will have a DPI of **1,500 times or more**. At the same time, the higher this parameter is, the more accurate the quality of your mouse movement will be.

Picture 8 of Top 8 best quality laser gaming mice to buy in 2023

## 3. Support software included

Don't ignore software **that supports** laser mice when it comes to choosing a mouse for gaming. Because, each manufacturer installs a separate software for their gaming mouse products. Therefore, you need to understand the included support software of the laser mouse to choose to buy a product that best suits you.

Picture 9 of Top 8 best quality laser gaming mice to buy in 2023

Laser mouse products distributed on the market today are often equipped with DPI tweaking to suit each game platform. Besides, it is also assigned macros and programmed with LED light changing functions to stimulate user experience.

To help you find the perfect laser mouse, TipsMake will provide basic suggestions for choosing as follows:

### Selection criteria

### General description

Laser mouse form Depends on the size of the user's hand

Selection criteria	General description
DPI parameters	Over 1,500 DPI
Support software	Depending on the brand that equips the product

## Top 8 Laser mice worth buying today

Currently on the market there are many brands distributing laser mice. Therefore, this product will have many designs and styles to suit each customer's needs. Let's take a look at **the top 8 laser mice worth buying** today through the content below.

### 1. Corsair Nightsword RGB Tunable FBS/MOBA Mouse

Topping the list of **top 8 laser mice** worth buying is **the Corsair Nightsword RGB Tunable FBS/MOBA Gaming mouse, which** is currently the best-selling laser mouse product on the market. Because, this is a mouse device with a multi-cut design, optimal for grip for all types of customers.

Furthermore, the body of this product is also equipped with a thumb rest accessory. Helps operators, especially gamers, freely move the mouse without worrying about hand fatigue.

Picture 10 of Top 8 best quality laser gaming mice to buy in 2023

Currently, the Corsair Nightsword RGB Tunable FBS/MOBA Gaming mouse is equipped with a Pixart PMW 3391 brand sensor with a resolution of up to **18,000 DPI** . This brings accuracy to users.

Besides possessing 4 LED light zones in the nose, tail, logo and mouse wheel areas with RGB **16.8 million colors** . This mouse line also integrates ultra-durable **Omron technology** with a lifespan of up to 50 million clicks. From there, it helps every gamer to control the mouse device easily and quickly. At the same time, it brings new inspiration when experiencing shooting game platforms.

Below are some technical specifications of the Corsair Nightsword RGB Tunable FBS/MOBA Gaming mouse that you can refer to:

Product information	Detail
<b>Compatible</b>	Android operating system, MacOS
<b>Resolution (DPI)</b>	18,000 DPI
<b>Led light</b>	RGB 16.8 million colors
<b>How to connect</b>	USB plug
<b>Cord length</b>	187cm
<b>Weight</b>	105g
<b>Color</b>	Black

### 2. Corsair Iron Claw RGB wireless mouse

Next in the list of **top 8 laser mice** is **the Corsair Iron Claw RGB** gaming mouse , which is an ergonomically designed laser mouse for gamers who use it for a long time and those with large hands.

In addition, this device also uses the **Pixart PMW 3391** reading eye with mouse response up to **1000 Hz** , ensuring it is suitable for all gaming platforms. From there, it brings a realistic feeling when gamers experience shooting game platforms.

Picture 11 of Top 8 best quality laser gaming mice to buy in 2023

One highlight that cannot be mentioned when looking at this device is the design of up to 10 control buttons. Besides, the product is also committed to withstand continuous impact with Omron technology with stable durability reaching 50 presses.

Along with many of the above utilities, the Corsair Iron Claw RGB Wireless Gaming Mouse is also equipped with an LED system with **16.8 million colors** . More specifically, you can manually adjust the color when operating with the mouse. Thereby increasing the excitement for each operation with your own mouse.

Some technical information about the Gaming Corsair Iron Claw RGB wireless mouse will be suggested as follows:

<b>Product information</b>	<b>Detail</b>
<b>Compatible</b>	MacOS, Windows operating systems
<b>Resolution (DPI)</b>	18,000 DPI
<b>Led light</b>	RGB 16.8 million colors
<b>How to connect</b>	Bluetooth, USB Receiver, USB cord
<b>Wire length/Connection distance</b>	10m
<b>Weight</b>	105g
<b>Color</b>	Black

### **3. Corsair M55 RGB Pro Mouse**

**Corsair M55 RGB Pro Gaming Mouse is a cheap and quality gaming mouse** product that has received a lot of attention from consumers.

A highlight of the design of this product that cannot be ignored is that it weighs only 85g. Besides, it is also equipped with rubber ribs and patterns on the side of the mouse. This helps users grip the mouse device easily and without tiring their hands when used for a long time.

Picture 12 of Top 8 best quality laser gaming mice to buy in 2023

Integrated with a resolution of up to **12,400 DPI** , the Corsair M55 RGB Pro Gaming Mouse is currently a product that does not cause any obstacles for gamers every time they aim or move.

In addition, this laser mouse line is also designed with outstanding durability with **Omron technology** reaching 20 million clicks. At the same time, the button system on the mouse body is also optimized when the 2 buttons on the side can adjust the function according to the user's wishes.

You can refer to some technical specifications of this product below:

<b>Product information</b>	<b>Detail</b>
<b>Compatible</b>	Windows operating system
<b>Resolution (DPI)</b>	12,400 DPI
<b>Led light</b>	RGB 16.8 million colors
<b>How to connect</b>	USB plug
<b>Cord length</b>	Chain length 184 cm
<b>Weight</b>	86g
<b>Color</b>	Black

#### 4. HyperX Pulsefire FPS Pro RGB Mouse

In the list of top 8 good laser mice, a name from HyperX appears. **HyperX Pulsefire FPS Pro RGB Gaming laser mouse** is a device that is considered highly responsive and accurate for all gamers. **Because, it is equipped with a Pixart 3389** sensor with standard signals for sensitive operation when playing games.

Picture 13 of Top 8 best quality laser gaming mice to buy in 2023

To serve many different usage needs, this device also integrates resolution adjustment buttons to suit gamers' habits. At the same time, LED lighting effects are also intelligently installed to stimulate user concentration.

Besides, the ergonomic design helps to fully hug the laser mouse product with each click to help prevent hand fatigue and be comfortable to use.

In addition, the quality of the HyperX Pulsefire FPS Pro RGB Gaming mouse is increasingly improved. Specifically, this device has been installed with fast, responsive **Omron 6-button technology** with a durability of 20 million clicks. Along with that, the LED lighting system can be easily adjusted through the function buttons arranged around.

Let's see the technical specifications of this laser mouse line below:

<b>Product information</b>	<b>Detail</b>
<b>Compatible</b>	Windows operating system
<b>Resolution (DPI)</b>	16000 DPI
<b>Led light</b>	RGB
<b>How to connect</b>	USB plug
<b>Control application</b>	HyperX NGenuity
<b>Cord length</b>	180 cm
<b>Weight</b>	130g
<b>Color</b>	Black

#### 5. HyperX Pulsefire Surge RGB Mouse

Behind the list of top 8 good laser mice is still the brother from **HyperX Pulsefire Surge RGB**, a laser mouse line known to many customers for its minimalist design style.

The difference of this device is that it is designed symmetrically and is suitable for both right-handed and left-handed people. Besides, the mouse's tail is also smartly designed when it protrudes, while the low head creates a feeling of holding and manipulating when using the device.

Picture 14 of Top 8 best quality laser gaming mice to buy in 2023

Can withstand up to 50 million clicks thanks to long-life Omron technology. This laser mouse line helps gamers not worry about missing the target during aiming thanks to the Omron switch system.

Possesses a **Pixart 3389** optical sensor with sensitivity up to **16,000 DPI** and response speed up to **1ms**. Currently, the HyperX Pulsefire Surge RGB mouse is the product line that provides the smoothest and most powerful operation. Because, it is programmed with 6 additional buttons to adjust DPI, adjust LED lights and create macros.

In addition to the lighting effects, it can rotate 360 degrees with an integrated **16.8 million LED system**.

Refer to the basic information of this product through the following suggestions:

<b>Product information</b>	<b>Detail</b>
<b>Compatible</b>	Windows operating system
<b>Resolution (DPI)</b>	16,000 DPI
<b>Led light</b>	RGB 16.8 million colors
<b>How to connect</b>	USB plug
<b>Control application</b>	HyperX NGenuity
<b>Cord length</b>	152 cm
<b>Weight</b>	130g
<b>Color</b>	Black

## **6. Razer Basilisk x HyperSpeed Wireless Gaming Mouse**

Next, TipsMake would like to send you a good laser wireless mouse model, located in the mid-range gaming mouse segment. **The Razer Basilisk x HyperSpeed wireless gaming mouse** is designed with an ergonomic design so it provides a secure grip for the user. Although connected via Bluetooth port, this laser wireless mouse product has a bold gaming quality when the edges are designed sharply and aggressively.

Picture 15 of Top 8 best quality laser gaming mice to buy in 2023

Because the resolution of this laser mouse line has a parameter of **16,000 DPI**, the response speed and aiming operations of gamers are highly accurate. In addition, using a wireless connection with Hyperspeed with a standard index of 2.4GHz, the mouse latency is almost non-existent.

You can also use this laser mouse anytime, anywhere. Because this product ensures extremely durable battery life. Specifically, it is announced that the battery life when connected by Hyperspeed is 285 hours, and when connected by Bluetooth is 450 hours.

In addition, the quality of the Razer Basilisk x HyperSpeed ??gaming mouse is also demonstrated through the application of Omron switch technology with durability up to 50 million clicks.

Refer to the basic parameters of this product below.

<b>Product information</b>	<b>Detail</b>
<b>Compatible</b>	MacOS (MacBook, iMac) and Windows operating systems
<b>Resolution (DPI)</b>	16000 DPI
<b>Led light</b>	RGB
<b>How to connect</b>	Wireless Bluetooth
<b>Control application</b>	Razer Synapse 3
<b>Wire length/Connection distance</b>	10m
<b>Weight</b>	83g
<b>Color</b>	Black

## 7. Razer DeathAdder V2 Gaming Mouse

With the question of which type of Laser mouse is good to buy, TipsMake will introduce to you **the Razer DeathAdder V2 Gaming Mouse** , designed with a black exterior and neat form, suitable for many different grip styles of gamers. In addition, with a weight of only 82g and a smooth surface, it will ensure extremely fast movement. Especially when moving in games.

Picture 16 of Top 8 best quality laser gaming mice to buy in 2023

With resolution up to **20,000 DPI** , pixel accuracy is optimized to 99.6%, tracking speed is **650 IPS** . At the same time, you can also easily monitor and adjust the function of this mouse through the 8 configuration buttons arranged around the mouse.

In addition, the Razer DeathAdder V2 is also equipped with an optical switch with extremely high durability, reaching 70 million clicks and a response speed of **0.2ms** . Along with lighting effects including 16.8 million colors, this is a must-have product for professional gamers.

Please refer to the technical specifications of this product below:

<b>Product information</b>	<b>Detail</b>
<b>Compatible</b>	MacOS and Windows operating systems
<b>Resolution (DPI)</b>	20,000 DPI
<b>Led light</b>	RGB
<b>How to connect</b>	Wired Cable
<b>Control application</b>	Razer Synapse 3
<b>Cord length</b>	187 cm
<b>Weight</b>	82g
<b>Color</b>	Black

## 8. Razer Viper Mini Mouse

**Gaming Razer Viper Mini** is the last product in **the top 8 laser mice worth buying** today. Compactly designed and weighing only 61g, this is a product suitable for ambidextrous people. More specifically, it is the mouse line used by the majority of female gamers and people with small and medium-sized hands.

Picture 17 of Top 8 best quality laser gaming mice to buy in 2023

Besides, with an optical sensor reaching **8,500 DPI**, this is a product that is considered to bring high performance. At the same time, it helps players improve their vision and gaming skills every day.

Similar to other laser mouse lines, the current Gaming Razer Viper Mini is also designed with 6 custom configuration buttons. The differences here are that the product has an integrated Switch, so the response speed is only 0.2ms **and** the lifespan reaches 50 million clicks.

In addition, the Razer Viper Mini Gaming mouse LED lighting system is also equipped with up to 16.8 million colors.

Some basic technical information of this mouse line is as follows:

<b>Product information</b>	<b>Detail</b>
<b>Compatible</b>	MacOS, Windows operating systems
<b>Resolution (DPI)</b>	8,500 DPI
<b>Led light</b>	RGB
<b>How to connect</b>	Wired Cable
<b>Control application</b>	iCUE
<b>Cord length</b>	187 cm
<b>Weight</b>	61g
<b>Color</b>	Black

## What are the frequently asked questions about laser mice?

In the process of choosing to buy a laser mouse product, surely all of us have our own questions that need to be answered. Understanding this, **TipsMake** has provided you with some frequently asked questions about laser mice below.

### How to identify an optical mouse and a laser mouse?

- How to distinguish between an optical mouse or a laser mouse is extremely simple. You just need to observe the light emitted from the underside of the mouse device to immediately recognize it.
- If the mouse emits LED light, then the device you are using belongs to a regular optical mouse line. On the contrary, mice that do not emit light are laser mice. Because laser light beams cannot be seen with the naked eye.

### How long is the lifespan of optical mice and laser mice?

- For optical mice being distributed on the market today, the lifespan will be from 5 to 10 years.
- Laser mice will have a shorter lifespan of 3-5 years.

## Epilogue

Above are suggestions related to the current laser mouse issue that you can refer to. Hopefully this article will help you distinguish between optical mice and laser mice. At the same time, find a product that suits you. If you have any other related questions, don't forget to leave a comment so TipsMake can give you the most accurate answer.

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