

# Top best 4K gaming monitors at all prices

Playing 4K games brings the best video games with super high definition. However, you need the right hardware to revitalize these 4K games.

Playing 4K games brings the best video games with super high definition. However, you need the right hardware to revitalize these 4K games. That means that the CPU, GPU and system RAM need to match. But most importantly, you need a 4K gaming screen suitable to make those high definition graphics really shine.

Below is a list of the best 4K gaming monitors at every price you can buy today.

## Top best 4K gaming monitors at all prices

1. Acer Predator XB271HK
2. ASUS ROG Swift PG27AQ
3. LG 32UD60
4. Dell P2415Q
5. Samsung U28E590D
6. ASUS ROG Swift PG348Q

### 1. Acer Predator XB271HK



Features: 27-inch | 16: 9 aspect ratio | IPS panel | 4ms signal response time | 60Hz refresh rate | Nvidia G-Sync | 1 x HDMI | 1 x DisplayPort | 4 x USB 3.0

Acer Predator XB271HK is a 27-inch 4K gaming monitor that comes with 4ms signal response time and an aspect ratio of 16: 9. In addition, the Predator is an IPS screen with excellent color contrast. Predator XB271HK also has Nvidia G-Sync, meaning those who own Nvidia GPUs can make the most of their graphics cards.

(Nvidia's G-Sync technology requires a special screen to use, while AMD's FreeSync does not require any specific hardware.)

However, Acer Predator has a downside: refresh rate (refresh) is only 60Hz. For gamers who are looking for an extremely smooth gaming experience, the 60Hz refresh rate cannot meet the demand.

Price: \$ 672.54 (about VND 15,680,000)

## **2. ASUS ROG Swift PG27AQ**



Features: 27-inch | 16: 9 aspect ratio | IPS panel | 4ms signal response time | 60Hz refresh rate | Nvidia G-Sync | 1 x HDMI | 1 x DisplayPort | 2 x USB 3.0

The Republic of Gamers (ROG) brand of ASUS is a name that has appeared for quite a long time in the gaming hardware market. ASUS ROG Swift PG27AQ is another 27-inch 4K gaming monitor, with 4ms signal response time and frame rate of 16: 9. Swift PG27AQ comes with an IPS panel and a color gamut (width of color strip that the screen can display) 100% sRGB to provide a great gaming experience. Moreover, Swift PG27AQ of ASUS already has Nvidia G-Sync.

A special point about Swift PG27AQ is that it has an ergonomic stand. It can tilt from + 20 ° to -5 °, rotate from + 60 ° to -60 °, and rotate 90 ° clockwise to turn into a vertical screen. Swift PG27AQ has a slim bezel, which means it is well suited for multi-screen display.

However, the refresh rate is only 60Hz, causing the overall quality of this screen to drop slightly, but not significantly.

Price: \$ 850.42 (about 19,825,000 VND)

1. Asus cheap 4K screen

### **3. LG 32UD60**



Features: 31.5 inches | 16: 9 aspect ratio | VA | control panel 4ms signal response time | 60Hz refresh rate | AMD FreeSync | 1 x HDMI | 1 x DisplayPort

The LG 32UD60 is a 32-inch 4K gaming screen (exactly 31.5 inches!). This is also the first model available for AMD FreeSync. LG 32UD60 is also the 4K gaming console with integrated Vertical Alignment (VA) panel.

So what is a VA panel board? Typically, a VA control panel has a smaller viewing angle and overall color quality is not equal to the IPS panel. However, the advantage of a VA control panel is to prevent unwanted light from backlight (backlight), allowing for better contrast control than IPS panel. Gaming monitors that incorporate older VA control panels can make motion blur, but modern VA control panels have largely overcome this problem (via pixel scanning techniques).

Return to the game screen. In an effort to overcome the motion blur, LG 32UD60 uses "Dynamic Action Sync." This effort by LG aims to further reduce screen latency and refresh rate. Also integrated with Screen Split technology from LG, this is a series of integrated split and resize options to support the user's workflow.

What are the disadvantages of this screen? The lack of integrated USB 3.0 ports will make some users unhappy, but that's not a big deal. Similarly, other users who can see 95% DCI-P3 color gamut are not enough, but on this scale, it is difficult for most users to realize the difference.

Price: \$ 579 (about 13,500,000 VND)

## 4. Dell P2415Q



Features: 24-inch | 16: 9 aspect ratio | IPS panel | 6ms signal response time | 60Hz refresh rate | 1 x HDMI | 1 x DisplayPort | 1 x Mini DisplayPort | 1x Port of DisplayPort | 3 x USB 3.0

Dell P2415Q is a 4K gaming monitor with an extremely attractive price and 24-inch screen size, which is also the smallest screen on this list. But despite being a bit smaller, the P2415Q can compete with larger 4K gaming monitors in many respects.

The stand is a typical Dell design: strong, useful, and quite ergonomic (ergonomically). In fact, the P2451Q stand can be rotated through 90 degrees so users can set the screen vertically, which is very handy for those who want to set their game to different purposes.

In addition, the P2451Q offers a complete sRGB gamut color and even a bit of expansion. The perfect color range to make the game come alive. Another plus point of this tiny 4K gaming screen is the pixel density. The 24-inch screen contains about 185 pixels per inch (PPI), providing better image quality for games.

In contrast to the solid base, the actual beveled edge of this screen makes it look a bit inexpensive. It's also relatively thick compared to the slimline design commonly found on other 4K gaming screens.

Price: \$ 309.99 (about VND 7,230,000)

## 5. Samsung U28E590D



Features: 28-inch | 16: 9 aspect ratio | PLS control panel | 1ms signal response time | 60Hz refresh rate | AMD FreeSync | 2 x HDMI | 1 x DisplayPort

Samsung is no longer an unfamiliar name for high-quality gaming hardware production, and Samsung's 4K screen continues that tradition.

Samsung U28E590D is a 28-inch 4K gaming screen with a few differences compared to other screens on this list. First, it has a very fast signal response time, only 1ms. This is great for shooting games first. Second, it uses Samsung's proprietary panel technology, PLS. Plane to Line Switching (PLS) technology of Samsung is very similar to conventional IPS. However, Samsung requires their PLS control panels to be about 10% brighter, have a better viewing angle, are cheaper and ultimately make displays more flexible.

The U28E590D is highly aesthetically pleasing, and looks pretty if set up as part of the workstation.

Price: \$ 221 (about VND 5,160,000)

## **6. ASUS ROG Swift PG348Q**



Features: Curved screen 34 inches | Frame rate 21: 9 | IPS panel | 5ms signal response time | 100Hz refresh rate | Nvidia G-Sync | 1 x HDMI | 1 x DisplayPort | 1 x USB 3.0

ASUS ROG Swift PG348Q is the last name on the list today and it's really a 'monster'. The Swift PG348Q is a 4K curved, 34-inch gaming screen with Nvidia G-Sync available. Moreover, it is an IPS panel with WLED backlight without flickering, providing full sRGB gamut color for a rich gaming experience.

Swift PG348Q also comes with a few unique tricks. For example, it has a "Turbo Key" refresh rate selector to force the refresh rate faster, while "GameVisual" preset (pre-set) is designed to increase the aesthetics of many different game genres.

Finally, the Swift PG348Q has a striking design with an excellent stand, suitable for almost any use case.

Price: \$ 910.62 (about VND 21,230,000)

Playing 4K games is no longer a private playground for hardcore gamers (high-end gamers). The price of hardware has dropped significantly, meaning that almost anyone can choose a 4K gaming monitor and experience gaming differently than before.

Other factors also make 4K gaming more feasible. Diverse refresh rate technology provides a smoother overall gaming experience on all hardware types. The development in pixel acceleration technology reduces the ability to create ghost pixels and create fake images on the screen. This gives users a faster and smoother transition in games by quickly updating images.

The great 4K gaming experience depends a lot on hardware, especially the screen. Wish you find a good product!

See more:

1. How to use 4K TV as a computer screen
2. Things to know about 4K computer monitors
3. Asus's 4K resolution screen costs \$ 4,000
4. What is 4K projector?

You finished reading the article "**Top best 4K gaming monitors at all prices**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles

on tips and guides. Thank you for reading and for following us regularly.

---