

## 5 best 240Hz monitors for gaming

240Hz has become the new sweet spot, offering a significant leap in performance and responsiveness compared to the previous 144Hz display standard.

A monitor with a high refresh rate is essential for competitive gaming, as is having a powerful graphics card. Below are the top 240Hz options, from budget products to high-end 1440 and 4K 240Hz products.

### **ASUS ROG Swift PG27AQDM**



ASUS ROG Swift PG27AQDM has 1440p resolution and 240Hz refresh rate. At 27 inches, the resolution delivers sharp and detailed images, but unlike 4K, it doesn't require a high-end graphics card to maintain high frame rates. ASUS matches the 240Hz refresh rate with a lightning-fast 0.03 ms response time. Near-instant response time eliminates motion blur in fast-moving objects for excellent motion clarity.

Besides gaming capabilities, PG27AQDM also produces stunning picture quality with its vibrant OLED display. It has the signature deep blacks and incredible contrast of an OLED panel, but can also reach 1,300 nits of brightness to bring out colors and highlights. Watching movies or playing HDR games is both an enjoyable visual experience. This monitor also offers explosion-proof features and a two-year warranty.

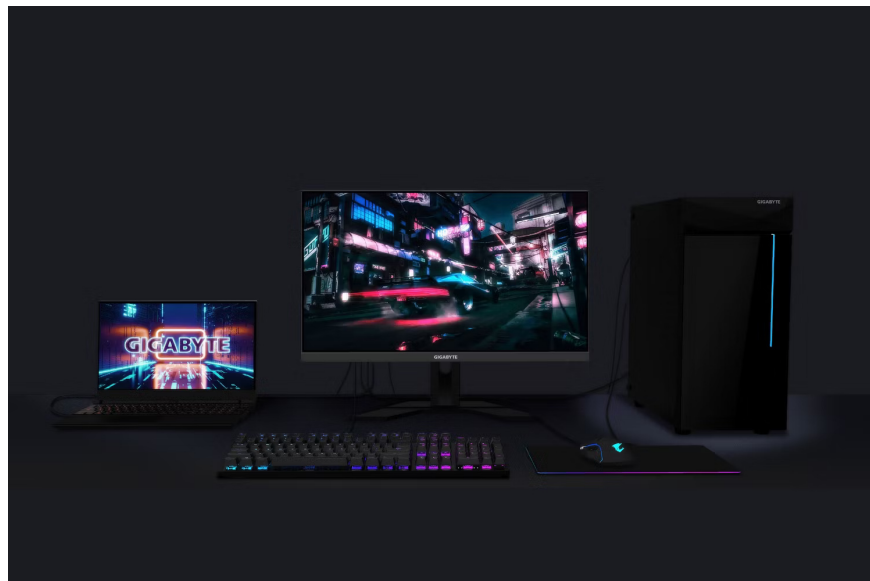
### **AOC C27G2Z**



If the top pick is a bit pricey, AOC has an affordable alternative with the C27G2Z gaming monitor. It's not as sharp and precise as the ASUS, but performs very well when gaming. The 0.5 ms response time keeps up with the 240Hz refresh rate and also supports FreeSync and G-Sync, ticking all the boxes for competitive gamers.

The AOC C27G2Z uses a VA panel so it handles dark scenes very well, although there is some minor blurring in complex scenes. At this price, this is a great choice for anyone looking for a 240Hz gaming monitor. Being a 1080p display, even the budget-friendly RTX 3060 build can take full advantage of its capabilities.

## **GIGABYTE M27Q X**



**GIGABYTE M27Q** It cuts the high-end options by almost half while still delivering a pretty good 240Hz gaming experience. It may not have an OLED display, but its IPS panel delivers more accurate and vivid colors, and gamers don't have to worry about permanent image retention.

M27Q X has fast response times and adaptive sync support, meaning games will look clear and smooth even at low refresh rates. It also offers a variety of ports and a built-in KVM switch for easy switching between a gaming PC and a work laptop. While there may still be some issues, such as IPS brightness and backlight smearing, they aren't enough to detract from the excellent image quality and overall gaming performance.

## **Dell Alienware AW3225QF**



If you have a powerful rig or are looking for a more future-proof option, the Dell Alienware AW3225QF is the best 4K 240Hz monitor available. It boasts a stunning QD-OLED display that will wow you from any viewing angle and is bright enough to handle reflections in dark rooms. It also supports Dolby Vision HDR for a visually stunning and realistic world.

The AW3225QF has incredible motion clarity and a 240Hz refresh rate making it super responsive and ideal for competitive shooters and racing enthusiasts. It also has an HDMI 2.1 port for 4K 120Hz compatibility on PS5 and Xbox Series X. However, although OLED panels offer the best image quality, they are also susceptible to burn-in.

Samsung's Odyssey Neo G8 is a good alternative if you want to avoid the risk of burn-in. It may not be able to match OLED picture quality, but has a brighter mini-LED panel that offers good HDR performance and stunning colors compared to conventional LCD screens.

## **ASUS ROG Swift PG34WCDM**



ASUS ROG Swift PG34WCDM ticks all the boxes for a high-performance gaming monitor. With an ultra-fast 240Hz refresh rate, a response time of just 0.03 milliseconds, FreeSync Premium Pro and G-Sync compatibility, it offers one of the best monitors for competitive gaming. It's smooth and responsive at a variety of refresh rates, and even supports Black Frame Insertion (BFI) to eliminate persistent blur, ensuring incredible clarity of motion on all sources.

Using LG's newer 2nd generation WOLED panel, the PG34WCDM boasts higher brightness than older OLED screens, while also having improved explosion protection. It also retains OLED's core advantages of deep blacks and vibrant, dramatic colors, delivering a truly immersive and visually captivating experience. In addition, ASUS also equipped the monitor with a KVM switch and USB-C port with 90W charging capability, making the monitor an attractive choice for productivity tasks.

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