



Philips Brilliance  
LCD monitor with  
NVIDIA G-SYNC™

**G Line**  
144 Hz  
27" (68.6 cm)



**272G5DYEB**

## Smoothest and fastest gaming experience ever

### NVIDIA G-SYNC™ technology

Dominate the competition like never before. The Philips 27" 272G5DYEB gaming monitor with NVIDIA G-SYNC™ technology eliminates tearing and stuttering, providing the smoothest and fastest gaming experience ever.

#### Brilliant Gaming Performance

- 144 Hz refresh rates for ultra-smooth, brilliant images
- NVIDIA G-SYNC™ for smooth, fast gaming
- SmartResponse: 1-ms response for fast gaming
- NVIDIA 3D Vision-Ready for immersive gaming
- NVIDIA Ultra Low Motion Blur for smooth action

#### Features designed for gamers' needs

- DisplayPort connection for maximum visuals
- USB 3.0 SuperSpeed hub saves time with fast data transfers
- SmartErgoBase for dialled-in gaming comfort

# PHILIPS

LCD monitor with NVIDIA G-SYNC™  
G Line 144 Hz, 27" (68.6 cm)

272G5DYEB/01

# Highlights

## NVIDIA G-SYNC™ technology



NVIDIA G-SYNC™ is ground-breaking new display technology that delivers the smoothest and fastest gaming experience ever. G-SYNC™'s revolutionary performance is achieved by synchronising display refresh rates to the GPU in your GeForce GTX-powered PC, eliminating screen tearing and minimising display stutter and input lag. The result: scenes appear instantly, objects look sharper and gameplay is super-smooth, giving you a stunning visual experience and a serious competitive edge.

## 144 Hz Gaming



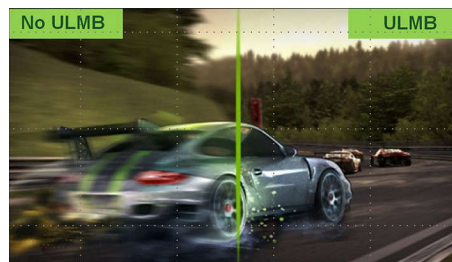
You play intense, competitive games. You demand a display with lag-free, ultra-smooth images. This Philips display redraws the screen image up to 144 times per second, effectively 2.4 x faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making them difficult targets to hit. With a 144 Hz frame rate, you get those critical missing images on the screen, showing enemies' movement in ultra-smooth motion so you can easily target them. With ultra-low input lag and no screen tearing, this Philips display is your perfect gaming partner

## SmartResponse 1 ms



SmartResponse is an exclusive Philips overdrive technology that when turned on, automatically adjusts response times to specific application requirements like gaming and films, which require faster response times in order to produce judder, time-lag and ghost image free images

## NVIDIA Ultra Low Motion Blur



With NVIDIA Ultra Low Motion Blur (ULMB) mode, objects in motion look sharper than they do during standard operation - even at high refresh rates such as 120 Hz.

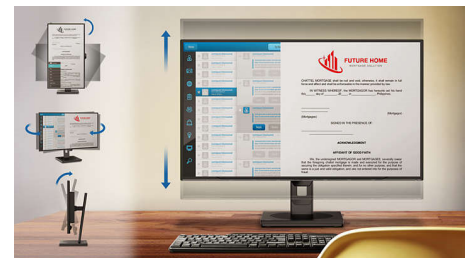
## NVIDIA 3D Vision-Ready



This Philips gaming monitor is NVIDIA 3D Vision-Ready. Transform your experience with immersive 3D full HD 1080p technology. With

NVIDIA 3D Vision™ 2 glasses technology\*, you are completely immersed - transforming all your gaming experiences and movies to 3D. This new technology delivers 3D images that are twice as sharp as conventional 3D technology. There are more than 550 PC game titles currently compatible with the NVIDIA 3D Vision™ Kit. \* Requires the additional NVIDIA 3D Vision 2 Kit for immersive 3D enjoyment. Please see <http://store.nvidia.com/>

## SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The user-friendly height, swivel, tilt and rotation angle adjustments of the base allow the monitor to be positioned for maximum comfort to help ease the physical strains of a long gaming session. In addition, cable management reduces cable clutter.

## USB 3.0 super speed

Super-Speed USB 3.0 deploys a 5.0 gbit/s transfer rate, which is about 10 times faster than the USB 2.0 standard, significantly reducing data transfer time and saving you time and money. With more bandwidth, super-speed transfer rates, better power management and superior overall performance, USB 3.0 sets the latest global standard allowing you to use large-capacity storage devices. Sync-N-Go technology ensures you don't have to wait for bandwidth to be freed up any more. Your investment in USB 2.0 devices is protected as it is backwards-compatible.



# Specifications

## Connectivity

- Signal Input: DisplayPort 1.2, USB 3.0 x 4 with 1 x fast charger

## Picture/Display

- Panel Size: 27 inch/68.6 cm
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD (TN)
- Backlight type: W-LED system
- Pixel pitch: 0.311 x 0.311 mm (0.012" x 0.012")
- Optimum resolution: 1920 x 1080 @ 144 Hz (DP)
- Brightness: 300 cd/m<sup>2</sup>
- Display colours: 16.7 M
- Contrast ratio (typical): 1000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H)/160° (V), @ C/R &gt; 10
- SmartResponse: 1 ms (Grey to Grey)\*
- Effective viewing area: 597.6 (H) x 336.15 (V) mm
- Scanning Frequency: 30 - 160 kHz (H) / 30 - 150 Hz (V)
- sRGB

## Convenience

- Plug and Play Compatibility: DDC/CI, sRGB, Windows 7, Windows 8
- User convenience: Back, Down, ULMB / Up, Menu/OK, Power On/Off
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)

## Stand

- Height adjustment: 150 mm
- Pivot: 90 degree
- Swivel: -65/65 degree
- Tilt: -5/+20 degree

## Power

- Power supply: 100–240 VAC, 50–60 Hz, External

- Off mode: 0.5 W (typ.)
- On mode: 27.5 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

## Dimensions

- Packaging in mm (W x H x D): 750 x 234 x 490 mm
- Product without stand (mm): 639 x 405 x 64 mm
- Product with stand (max height): 639 x 580 x 273 mm

## Weight

- Product with packaging (kg): 11.30 kg
- Product with stand (kg): 7.80 kg
- Product without stand (kg): 5.00 kg

## Operating conditions

- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%–80% %
- Temperature range (storage): -20°C to 60°C °C

## Sustainability

- Environmental and energy: EnergyStar 6.0, RoHS, Mercury Free
- Recyclable packaging material: 100 %

## Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, PSB, SASO, SEMKO, TUV Ergo, TUV/GS, cETLus, WEEE

## Cabinet

- Colour: Black
- Finish: Texture

## 3D Requirements

- NVidia 3D Vision Kit required: Not included in the box



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\* Please ensure your PC OS is Windows 7 or higher and your Graphic card is NVidia GeForce GTX650 Ti Boost CPU or higher and updated with the latest driver.

\* G-Sync mode, ULMB mode and 3D vision mode exist independently at the same time. If one of the modes is enabled, the other two modes have to be disabled.

\* ULMB is enabled only at 85 Hz, 100 Hz and 120 Hz. 3D vision is enabled only at 100 Hz and 120 Hz.

\* NVIDIA Graphics and DisplayPort connection required for G-SYNC™ capability. Please refer to [www.geforce.com/g-sync](http://www.geforce.com/g-sync) for more information.

\* For any questions related to 144 Hz performance please refer to your card vendor directly.

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