



Philips Brilliance  
LCD monitor with  
NVIDIA G-SYNC™

**G Line**  
144Hz  
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

- 144Hz refresh rates for ultra-smooth, brilliant images
- NVIDIA G-SYNC™ for smooth fast gaming
- SmartResponse: 1ms 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 dialed-in gaming comfort

# PHILIPS

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

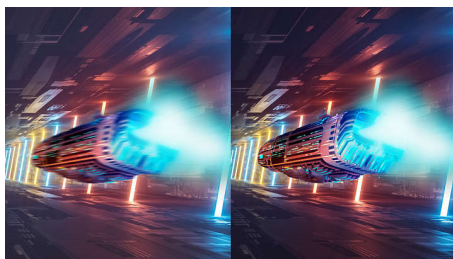
# Highlights

## NVIDIA G-SYNC™ technology



NVIDIA G-SYNC™ is groundbreaking new display technology that delivers the smoothest and fastest gaming experience ever. G-SYNC™ is revolutionary performance is achieved by synchronizing display refresh rates to the GPU in your GeForce GTX-powered PC, eliminating screen tearing and minimizing 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.

## 144Hz Gaming



You play intense, competitive gaming. You demand display with lag free, ultra-smooth images. This Philips display redraws the screen image up-to 144 times per second, effectively 2.4x 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 144Hz frame rate, you get those critical missing images on the screen which shows enemy 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 1ms



SmartResponse is a exclusive Philips overdrive technology that when turned on, automatically adjusts response times to specific application requirements like gaming and movies 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 120Hz.

## NVIDIA 3D Vision Ready

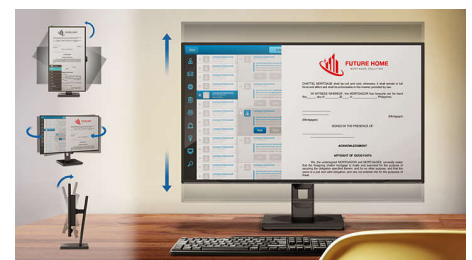


This Philips gaming monitor is NVIDIA 3D Vision Ready. Transform your experience with

272G5DYEB/00

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. With this new technology, it delivers twice sharper 3D images than conventional 3D technology. There are more than 550 PC game titles currently compatible with NVIDIA 3D Vision™ Kit. \* Requires the additional NVIDIA 3D Vision 2 Kit for immersive 3D enjoyment. Please find <http://store.nvidia.com/>

## SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long gaming session; cable management reduces cable clutter.

## USB 3.0 super speed

Super Speed USB 3.0 deploys 5.0 gbit/s transfer rate, which is about 10 times faster than USB 2.0 standard significantly reducing data transfer time 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 the large capacity storage devices. Sync-N-Go technology ensures you don't have to wait anymore for bandwidth to be freed up. Your investment in USB 2.0 devices is protected as it is backward compatible.



# Specifications

## Connectivity

- Signal Input: DisplayPort 1.2, USB3.0x4 with 1x 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
- Optimum resolution: 1920x1080 @ 144Hz (DP)
- Brightness: 300 cd/m<sup>2</sup>
- Display colors: 16.7 M
- Contrast ratio (typical): 1000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- SmartResponse: 1 ms (Gray to Gray)\*
- Effective viewing area: 597.6 (H) x 336.15 (V) mm
- Scanning Frequency: 30 - 160 kHz (H) / 30 - 150 Hz (V)
- sRGB

## Convenience

- Plug & 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 (100x100mm)

## Stand

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

## Power

- Power supply: 100-240VAC, 50-60Hz, 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 (blinking)

## Dimensions

- Packaging in mm (WxHxD): 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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- 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

- Color: 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 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 144Hz performance please refer to your card vendor directly.

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