

**Philips**

LCD monitor with NVIDIA G-SYNC™

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

[272G5DYEB/27](#)

## 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.

### Benefits

#### Brilliant Gaming Performance

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

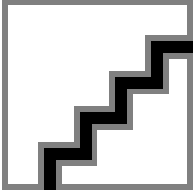
#### Features designed for gamers needs

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

**PHILIPS**

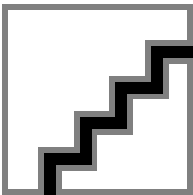
## Features

### NVIDIA G-SYNC™ technology



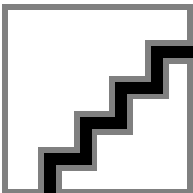
NVIDIA G-SYNC™ is groundbreaking new display technology that delivers the smoothest and fastest gaming experience ever. G-SYNC™ is revolutionary performance is achieved by synchronizing display refresh rates to the GPU in your GeForce GTX-powered PC, eliminating screen tearing and minimizing display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



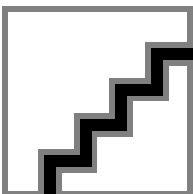
You play intense, competitive gaming. You demand display with lag free, ultra smooth images. This Philips display redraws the screen image up to 144 times per second, effectively 2.4x faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making 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



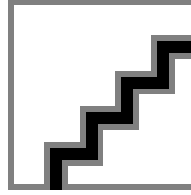
SmartResponse is an exclusive Philips overdrive technology that when turned on, automatically adjusts response times to specific application requirements like gaming and movies which require faster response times in order to produce judder, time-lag and ghost image free images

### NVIDIA Ultra Low Motion Blur



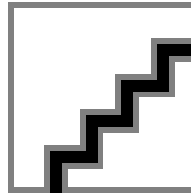
With NVIDIA Ultra Low Motion Blur (ULMB) mode, objects in motion look sharper than they do during standard operation-even at high refresh rates such as 120Hz.

### NVIDIA 3D Vision Ready



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

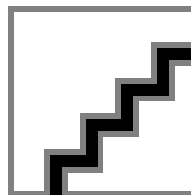


The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long gaming session; cable management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

### DisplayPort connection



DisplayPort is a digital link from PC to Monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15meter cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates - making DisplayPort the best choice for not only general office or home use, but also for the demanding gaming and movies, video editing and more. It also keeps interoperability in mind via use of various adapters.

## Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

### Picture/Display

LCD panel type TFT-LCD (TN)

Backlight type  
Panel Size

W-LED system  
27 inch / 68.6 cm

Aspect ratio	16:9
Optimum resolution	1920x1080 @ 144Hz (DP)
Response time (typical)	5 ms
SmartResponse	1 ms (Gray to Gray)*
Brightness	300 cd/m <sup>2</sup>
Contrast ratio (typical)	1000:1
Pixel pitch	0.311 x 0.311 mm
Viewing angle	170° (H) / 160° (V) @ C/R > 10
Display colors	16.7 M
Effective viewing area	597.6 (H) x 336.15 (V) mm
Scanning Frequency sRGB	30 - 160 kHz (H) / 30 - 150 Hz (V) Yes

#### Connectivity

Signal Input	DisplayPort 1.2 USB3.0x4 with 1x fast charger
--------------	--

#### Convenience

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)
Plug & Play Compatibility	DDC/CI sRGB Windows 7 Windows 8

#### Stand

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

#### Power

On mode	27.5 W (typ.) (EnergyStar 6.0 test method)
Standby mode	0.5 W (typ.)
Off mode	0.5 W (typ.)
Power LED indicator	Operation - White Standby mode- White (blinking)
Power supply	100-240VAC, 50-60Hz External

#### Dimensions

Product with stand(max height)	639 x 580 x 273 mm
Product with stand(max height)	25.1 x 22.8 x 10.7 inch
Product without stand (mm)	639 x 405 x 64 mm
Product without stand in inch	25.1 x 15.9 x 2.5 inch
Packaging in mm (WxHxD)	750 x 234 x 490 mm
Packaging in inch (WxHxD)	29.5 x 9.2 x 19.3 inch

#### Weight

Product with stand (kg)	7.80 kg
Product with stand (lb)	17.16 lb
Product without stand (kg)	5.00 kg
Product without stand (lb)	11.00 lb
Product with packaging (kg)	11.30 kg
Product with packaging (lb)	24.86 lb

#### Operating conditions

Temperature range (operation)	0°C to 40°C °C
Temperature range (storage)	-20°C to 60°C °C
Relative humidity	20%-80 %
Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF	30,000 hour(s)

#### Sustainability

Environmental and energy	EnergyStar 6.0 EPEAT Silver RoHS Lead-free Mercury Free
Recyclable packaging material	100 %

#### Compliance and standards

Regulatory Approvals	BSMI CE Mark FCC Class B GOST PSB SASO SEMKO TCO 6.0 TUV Ergo TUV/GS cETLus WEEE
----------------------	---

#### Cabinet

Color	Black
Finish	Texture

#### 3D Requirements

Nvidia 3D Vision Kit required	Not included in the box
-------------------------------	-------------------------

- \* 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.gefance.com/g-sync](http://www.gefance.com/g-sync) for more information.
- \* For any questions related to 144Hz performance please refer to your card vendor directly.
- \* Copyright 2014 NVIDIA Corporation. NVIDIA, NVIDIA G-SYNC, and 3D Vision are trademarks and/or registered trademarks of NVIDIA Corporation in the United States and other countries.
- \* BATMAN: ARKHAM ORIGINS software Copyright 2013 Warner Bros. Entertainment Inc. Developed by WB Games Montreal and Splash Damage. BATMAN and all characters, their distinctive likenesses, and related elements are trademarks of DC Comics Copyright 2013. All Rights Reserved.
- \* WB GAMES LOGO, WB SHIELD:™ & Copyright Warner Bros. Entertainment Inc. (s13)



data subject to change  
2016, July 31

Version: 10.0.1  
UPC: 609585243217

© 2016 Koninklijke Philips Electronics N.V.  
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

[www.philips.com](http://www.philips.com)