Philips Brilliance
LCD monitor with
NVIDIA G-SYNC™

G Line
144Hz
27" (68.6 cm)

Brilliance

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
• 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
• DisplayPort connection for maximum visuals
• USB 3.0 SuperSpeed hub saves time with fast data transfers

PHILIPS

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 upto 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 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

Picture/Display
- LCD panel type: TFT-LCD (TN)
- Backlight type: W-LED system
- Panel Size: 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/m²
- 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: 30 - 160 kHz (H) / 30 - 150 Hz (V)
- sRGB

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, Ukranian
- 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 mehtod)
- 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.geforce.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 Copyrigth 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)