



4K HDR display with Ambiglow

- Designed for Xbox
- Evnia 7000
- 27" (68.5 cm)
- 3840 x 2160 (4K UHD)

279M1RV/89

Optimized performance for next-gen console gaming

For true console gaming enthusiasts, the Designed for Xbox display delivers a new era of gaming. Enjoy visual awesomeness and precise color accuracy with UltraClear 4K Nano IPS Display. DisplayHDR 600 gives vibrant image quality.

Benefits

Designed for Xbox

- Designed for Xbox for the optimal gaming experience
- AMD FreeSync™ Premium Pro; smooth, low latency HDR gaming
- SmartImage HDR gives optimal viewing from your HDR content

Design to enhance the senses

- 120Hz refresh rates for ultra-smooth, brilliant images
- 144Hz refresh rates for ultra-smooth, brilliant images
- Enhanced audio with DTS Sound™
- Ambiglow adds a new dimension to your viewing experience

- Low input lag reduces time delay between devices to monitor

Features for gamers needs

- Certified NVIDIA® G-SYNC® compatible for smooth fast gaming
- IPS Nano color technology extends gamut for vibrant visuals
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- Access and display multiple sources on two devices



reddot winner 2020

PHILIPS

Gaming Monitor

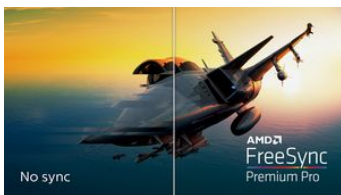
Features

Designed for Xbox



Unleash your console gaming. We partnered with the Xbox team to develop this Designed for Xbox display that is validated to deliver the optimal Xbox Series X visual performance the moment you plug it in.

AMD FreeSync™ Premium Pro



Gaming shouldn't be a choice between choppy gameplay or broken frames. This display is certified with AMD FreeSync™ Premium Pro, which provides a variable refresh rate (VRR) and the true HDR gaming experience. This provides a combination of smooth gaming at peak performance, and exceptional high dynamic range visuals while still maintaining low latency.

120Hz Gaming



You play intense, competitive gaming. You demand display with lag free, ultra-smooth images. This Philips display redraws the screen image up-to 120 times per second, effectively 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 120Hz 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.

144Hz Gaming



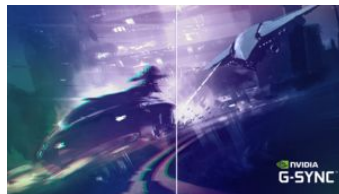
You play intense, competitive gaming. You demand display with lag free, ultra-smooth images. This Philips display redraws the screen image up-to 144 times per second, effectively 2.4x faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making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

DTS Sound™



DTS Sound is an audio processing solution designed to optimize the playback of music, movies, streaming and games on the PC regardless of form factors. DTS Sound enables an immersive virtual surround sound experience, complete with rich bass and dialog enhancement and maximized volume levels free of any clipping or distortion.

NVIDIA® G-SYNC® Compatible



When playing intense games with high refresh rates, screen tearing may appear without optimal graphics synchronization. Certified as NVIDIA® G-SYNC® compatible, variable refresh rate (VRR) reducing screen tearing and syncing your monitor's refresh rate with your graphic card's output for a smoother gaming experience. Scenes appear instantly, objects look sharper, and gameplay is smooth, giving you a stunning visual experience and a serious competitive edge.

IPS Nano color



For critical imaging, gaming and productivity needs, Nano IPS display provides precise color accuracy across a wide viewing angle without color shift. Richer reds, lush greens, and deeper blues. Ultra Wide-Color with IPS Nano Color technology uses KSF enhanced phosphor nanoparticles to absorb excess light created by the screen to produce amazing color. True-to-life color. Our display panels achieve up to 98% coverage of the DCI-P3 color gamut standard for color purity as defined by The Society of Motion Pictures and Television Engineers for cinematic picture quality.

Ambiglow



The innovative Ambiglow technology enhances the content on the screen by creating a halo of light from the monitor. Its fast processor analyses the incoming image content, continuously adapts the color and brightness of the emitted light to match the image. Especially suited for watching movies, sports or playing games, Philips Ambiglow offers you a unique and immersive viewing experience.

Gaming Monitor

SmartImage HDR



Select one of SmartImage HDR modes to best suit your needs. HDR Game: Optimize for playing video games. With brighter white and darker black, the gaming scene is vivid and revealing more details, easily spot enemies hiding in the dark corner and shadows. HDR Movie: Ideal for watching HDR movie. Deliver better contrast and brightness for more realistic and immerse viewing experience. HDR Photo: Enhance red, green, and blue for lively visuals. DisplayHDR: VESA DisplayHDR certified*. Personal: Customize settings in picture menu. *Please refer to specification for HDR grade.

LowBlue Mode & Flicker-free



Our LowBlue Mode and Flicker-free technology have been developed to reduce eye strain and fatigue often caused by long hours in front of a monitor.

MultiView and built-in KVM



Control and switch between two devices through a single keyboard and mouse with the built-in KVM. MultiView lets you survey both sources simultaneously on one screen. With these features, you can reduce cable clutter and save valuable time. Perfect for streamers with two PCs, content creators or when prepping devices for a LAN event.

Specifications

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Picture/Display

LCD panel type	Nano IPS
Backlight type	W-LED system
Panel Size	27 inch / 68.5 cm
Effective viewing area	603.9 (H) x 347.45 (V) mm
Aspect ratio	16:9
Maximum resolution	HDMI/DP: 3840 x 2160 @ 144 Hz*; USB-C: 3840 x 2160 @ 120 Hz
Pixel Density	163 PPI
Response time (typical)	1 ms (Gray to Gray)*
Low Input Lag	Yes
Brightness	450 cd/m ²
SmartContrast	Mega Infinity DCR
Contrast ratio (typical)	1000:1
Pixel pitch	0.1554 x 0.1554 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Flicker-free	Yes
HDR	DisplayHDR 600 certified
Color gamut (min.)	DCI-P3: 98%*
Color gamut (typical)	NTSC 112%*, sRGB 133%*, Adobe RGB: 110.1%*
Picture enhancement	SmartImage game
Display colors	Color support 1.07 billion colors
Scanning Frequency	HDMI: 30 - 135 kHz (H) / 48 - 144 Hz (V); DP: 30 - 254 kHz (H) / 48 - 144 Hz (V); USB-C: 30 - 254 kHz (H) / 48 - 120 Hz (V)
LowBlue Mode	Yes
sRGB	Yes
SmartUniformity	97 ~ 102%
Delta E	< 2 (sRGB)
Ambiglow	4-sided
G-SYNC	Compatible 60 Hz ~ 144 Hz (DP)*
HDMI 2.1 Feature	VRR, FRL
AMD FreeSync™ technology	Premium Pro

Connectivity

Signal Input	HDMI 2.1 x 3, DP 1.4 x 1, USB-C x 1 (DP Alt mode, PD 65W)
USB:	USB-B x 1 (upstream), USB 3.2 x 4 (downstream with 2 fast charge B.C 1.2)
Sync Input	Separate Sync
Audio (In/Out)	Headphone out

Convenience

Built-in Speakers	5 W x 2, DTS Sound
MultiView	PBP (2x devices)
User convenience	Power On/Off Menu/OK Input/Up Game Settings/Down SmartImage game/Back
OSD Languages	Brazil Portuguese Czech Dutch English Finnish French German Greek Hungarian Italian Japanese Korean Polish Portuguese Russian Spanish Simplified Chinese Swedish Turkish Traditional Chinese Ukrainian
Other convenience	Kensington lock VESA mount (100x100mm)

Gaming Monitor

Plug & Play Compatibility	DDC/CI Mac OS X sRGB Windows 10 / 8.1 / 8 / 7	Operating conditions	Temperature range (operation) Temperature range (storage) Relative humidity Altitude MTBF	0°C to 35 °C -20°C to 60 °C 20%-80 % Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m) 50,000 (Excluded backlight) hour(s)
Stand				
Height adjustment	130 mm			
Swivel	-/+ 35 degree			
Tilt	-5/20 degree			
Power		Sustainability	Environmental and energy Recyclable packaging material Specific Substances	RoHS 100 % Mercury free PVC / BFR free housing
On mode	62.7 W (typ.)			
Standby mode	0.5 W (typ.)			
Off mode	0.3 W (typ.)			
Power LED indicator	Operation - White Standby mode- White (blinking)			
Power supply	External 100-240VAC, 50-60Hz			
Dimensions		Compliance and standards	Regulatory Approvals	CB TUV/ISO9241-307 TUV-BAUART CU-EAC EAEU RoHS CE Mark
Product with stand(max height)	609 x 545 x 282 mm			
Product without stand (mm)	609 x 353 x 75 mm			
Packaging in mm (WxHxD)	730 x 470 x 224 mm			
Weight		Cabinet	Color Finish	Black Textured / Glossy
Product with stand (kg)	9.00 kg			
Product without stand (kg)	5.20 kg			
Product with packaging (kg)	12.32 kg			

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.

* The maximum resolution works for either HDMI input or DP input.

* For best output performance, please always ensure that your graphic card is capable of achieving the maximum resolution and refresh rate of this Philips display.

* Response time value equal to SmartResponse

* BT. 709 / DCI-P3 Coverage based on CIE1976

* NTSC Area based on CIE1976

* sRGB Area based on CIE1931

* Adobe RGB Coverage based on CIE1976

* NVIDIA® G-SYNC® support interface: DisplayPort

* Make sure to update NVIDIA® G-SYNC® driver to the latest version, see more information on NVIDIA website: <https://www.nvidia.com/>

* Make sure your graphic card supports NVIDIA® G-SYNC®

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* The monitor may look different from feature images.



data subject to change
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