



4K HDR display with Ambiglow

- Designed for Xbox
- Evnia 7000
- 32 (31.5" / 80 cm diag.)
- 3840 x 2160 (4K UHD)

329M1RV/89

Optimized performance for next-gen console gaming

For true console gaming enthusiasts, the Designed for Xbox display delivers a new era of gaming. UltraClear 4K UHD with DisplayHDR 400 offers ultra-crisp and vibrant image quality to get you in the moment.

Benefits

Designed for Xbox

- Designed for Xbox for the optimal gaming experience
- AMD FreeSync™ Premium; tear free, stutter free, fluid 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

Features for gamers needs

- 1ms (MPRT) fast response for crisp image and smooth gameplay
- LowBlue mode and Flicker-free easy-on-the-eyes viewing
- USB-C one cable does it all
- Tilt, swivel and height-adjust for an ideal viewing position
- MultiView enables simultaneous dual connection and view
- Access and display multiple sources on two devices

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.

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.

AMD FreeSync™ Premium



Gaming shouldn't be a choice between choppy gameplay or broken frames. AMD FreeSync™ Premium equips serious gamers with a fluid, tear-free gameplay experience at peak performance. There are no compromises, game confidently with a high refresh rate, low framerate compensation, and low latency.

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.

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.

1ms MPRT fast response



MPRT (motion picture response time) is more intuitive way to describe the response time, which directly refers the duration from seeing blurry noise to clean and crisp images. Philips gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur, delivers shaper and precise visuals to enhance gaming experience. Best choice for playing thrilling and twitch-sensitive games.

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.

USB-C

This Philips display features a USB type-C connector with power delivery. With intelligent and flexible power management, you can power charge your compatible device directly. Its slim, reversible USB-C allows for easy, one-cable connection. You can watch high-resolution video while powering up and re-charging your compatible device at the same time.

Gaming Monitor

MultiView technology



With the ultra-high resolution Philips MultiView display you can now experience a world of connectivity. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and notebook simultaneously, for complex multi-tasking.

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	IPS technology
Backlight type	W-LED system
Panel Size	31.5 inch / 80 cm
Display Screen Coating	Anti-Glare, 3H, Haze 25%
Effective viewing area	697.344 (H) x 392.2344 (V) mm
Aspect ratio	16:9
Maximum resolution	HDMI/DP: 3840 x 2160 @ 144 Hz*; USB-C: 3840 x 2160 @ 120 Hz
Pixel Density	139.87 PPI
Response time (typical)	1 ms (Gray to Gray)*
MPRT	1 ms
Low Input Lag	Yes
Brightness	500 cd/m ²
SmartContrast	Mega Infinity DCR
Contrast ratio (typical)	1000:1
Pixel pitch	0.181 x 0.181 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Flicker-free	Yes
HDR	DisplayHDR 400 certified
Color gamut (typical)	NTSC 113%*, sRGB 124%*, Adobe RGB 111%*
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
SmartUniformity	93 ~ 105%
Delta E	<2 (sRGB)
sRGB	Yes
Ambiglow	4-sided
AMD FreeSync™ technology	Premium
HDMI 2.1 Feature	VRR, FRL

Connectivity

Signal Input	HDMI 2.1 x 3, DisplayPort 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)	Audio 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)
Plug & Play Compatibility	DDC/CI Mac OS X sRGB Windows 10 / 8.1 / 8 / 7

Stand

Height adjustment	130 mm
Swivel	-/+ 20 degree
Tilt	-5/15 degree

Power

On mode	58.9 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	Internal 100-240VAC, 50-60Hz

Dimensions

Product with stand(max height)	715 x 596 x 297 mm
Product without stand (mm)	715 x 428 x 78 mm
Packaging in mm (WxHxD)	800 x 526 x 224 mm

Weight

Product with stand (kg)	11.63 kg
Product without stand (kg)	7.80 kg
Product with packaging (kg)	16.67 kg

Gaming Monitor

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	50,000 (Excluded backlight) hour(s)

Sustainability

Environmental and energy	RoHS
Recyclable packaging material	100 %

Specific Substances	Mercury free PVC / BFR free housing
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Compliance and standards

Regulatory Approvals	CB TUV/ISO9241-307 TUV-BAUART CU-EAC EAEU RoHS CE Mark
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Cabinet

Color	Black
Finish	Textured / Glossy

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* 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

* MPRT is to adjust brightness for blur reduction, so cannot adjust brightness while MPRT is turned on. To reduce motion blur, LED backlight will strobe synchronously with screen refresh, which may cause noticeable brightness change.

* MPRT is gaming-optimized mode. Turn on MPRT may cause noticeable screen flickering. It is recommended to turn off when you are not using the gaming function.

* NTSC Area based on CIE1976

* sRGB Area based on CIE1931

* Adobe RGB Coverage based on CIE1976

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* The monitor may look different from feature images.



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