



#### OLED gaming monitor

- Evnia 8000
- 42 (41.54" / 105.5 cm diag.)
- 3840 x 2160 (4K UHD)

42M2N8900/89

## Gaming beyond innovation

Be prepared to get stunned by the precise color reproduction of Evnia OLED gaming monitor. The innovative Ambiglow redefines what gaming environment usually is, levelling up not only your game gear, but also your gaming experience.

### Benefits

#### Built for fast action

- AMD FreeSync™ Premium; tear free, stutter free, fluid gaming
- VESA ClearMR 8000: for trusted, high-quality imagery
- Low input lag reduces time delay between devices to monitor
- SmartImage game mode optimized for gamers

#### Immersive visuals

- OLED display for lifelike visuals with deeper black details
- UltraClear 4K UHD (3840x2160) resolution for precision
- True 10-bit display reproduces smoother gradients on visuals

- Ultra Wide-Color wider range of colors for a vivid picture

#### Features designed for gamers needs

- LowBlue mode and Flicker-free easy-on-the eyes viewing
- Enhanced audio with DTS Sound™
- Access and display multiple sources on two devices
- Ambiglow intensifies entertainment with halo of light
- Connect your notebook with one USB-C cable

**PHILIPS**

# Gaming Monitor

## Features

### Philips OLED display



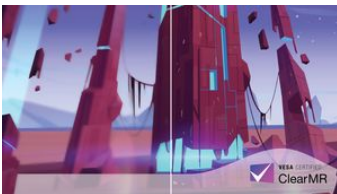
This Philips OLED display delivers a wider viewing angle and a uniquely lifelike visuals. Deeper black for stunning viewing experience. Details in shadows and highlights are precisely reproduced.

### AMD FreeSync™ Premium



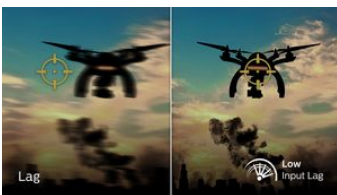
Gaming shouldn't be a choice between choppy gameplay or broken frames. AMD FreeSync™ Premium equips serious gamers with a fluid, tear-free gameplay experience at peak performance. There are no compromises, game confidently with a high refresh rate, low framerate compensation, and low latency.

### VESA ClearMR 8000



Previously, methods to test blurry imagery were measured through MRPT. VESA Certified ClearMR acts as an alternative to MRPT and blur is tested with a digital high-speed camera. For monitors that are sent in and certified through VESA Certified ClearMR, you can rest assured that you will have an accurate assessment of the monitor's blur quality. Each certification is defined through a CMR range, with the highest tier being VESA ClearMR 8000. With this monitor being ClearMR 8000 classified, it has one of the highest classifications of image quality, meaning less overall blur.

### Low input lag



Input lag is the amount of time that elapses between performing an action with connected devices and seeing the result on screen. Low input lag reduces the time delay between entering a command from your devices to monitor, greatly improve on playing twitch-sensitive video games, particularly important to whom plays fast-paced, competitive games.

### UltraClear 4K UHD resolution



These Philips displays utilize high performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are demanding professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or a financial wizard working on huge spreadsheets, Philips displays will make your images and graphics come alive.

### True 10-bit color depth



With this Philips true 10-bit color display, you can see color critical professional work of exceptional color accuracy and meeting professional standards. Compared with conventional 8-bit color display, this Philips monitor produces a more natural transition between hues for smoother gradients.

### 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.

### 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.

## Gaming 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.

### Ambiglow technology



Ambiglow adds a new dimension to your viewing experience. 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 and 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.

### USB-C connection



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 and transfer data at a super-speed, while powering up and re-charging your compatible device at the same time.

## Specifications

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### Picture/Display

Monitor Panel Type	OLED
Panel Size	41.54 inch / 105.5 cm
Display Screen	Anti-Glare, Low-reflection 2%, Haze
Coating	25%
Effective viewing area	919.68 (H) x 517.32 (V)
Pixel format	RWBG Strip arrangement
Aspect ratio	16:9
Maximum resolution	3840 x 2160 @ 138 Hz* (overclock)
Pixel Density	106.06 PPI
Response time (typical)	0.1 ms (Gray to Gray)*
Low Input Lag	Yes
Brightness	Peak: 450 nit, Normal: 135 nit
SmartContrast	Mega Infinity DCR
Contrast ratio (typical)	1,500,000:1
Pixel pitch	0.2395 x 0.2395 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10000
Flicker-free	Yes
HDR	HDR 10 supported

### SmartImage Game mode



The new Philips gaming display has quick access OSD fine tuned for gamers, offering you multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts display with fastest response time, high color, along with image adjustments. "RTS" mode (Real time strategy) has a special SmartFrame mode which enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customized settings based on different games, ensuring best performance.

Color gamut (min.)	DCI-P3: 98.5%*
Color gamut (typical)	NTSC 110.3%*, sRGB 131.3%*, Adobe RGB 93.6%*
Picture enhancement	SmartImage game
Display colors	Color support 1.07 billion colors (10 bit)
Scanning Frequency	30 - 255 kHz (H) / 48 - 138 Hz (V)
LowBlue Mode	Yes
EasyRead	Yes
Delta E	< 2 (sRGB)
sRGB	Yes
Ambiglow	3-sided
AMD FreeSync™ technology	Premium

### Connectivity

Signal Input	HDMI 2.1 x 2, DisplayPort 1.4 x 1, USB-C x 1 (DP Alt mode, Power Delivery)
HDCP	HDCP 1.4 (HDMI / DisplayPort / USB-C), HDCP 2.2 (HDMI /

## Gaming Monitor

USB Hub	DisplayPort / USB-C), HDCP 2.3 (HDMI / DisplayPort / USB-C) DisplayPort / USB-C), HDCP 2.3 (HDMI / DisplayPort / USB-C) USB version 3.2 Gen1 / 5Gbps, USB-B upstream x 1, USB-A downstream x 4 (with 2 for fast charge B.C 1.2)	USB-C mode USB-C LED indicator	0.3 W (typ.) Operation - White Standby mode- White (blinking) Internal
Audio (In/Out) Sync Input	Audio out Separate Sync	Power supply	100-240VAC, 50-60Hz
<b>Power Delivery</b>		<b>Dimensions</b>	
Version	USB PD version 3.0	Product with stand(max height)	932 x 689 x 359 mm
Max power delivery	USB-C up to 90 W (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/4.5A)	Product without stand (mm)	932 x 535 x 79 mm
		Packaging in mm (WxHxD)	1070 x 635 x 188 mm
<b>Convenience</b>		<b>Weight</b>	
Built-in Speakers MultiView	10 W x 2, DTS PIP/PBP mode 2x devices	Product with stand (kg)	17.30 kg
KVM	Yes	Product without stand (kg)	13.84 kg
User convenience	Power On/Off Menu/OK Input/Up Game Settings/Down	Product with packaging (kg)	21.01 kg
OSD Languages	SmartImage game/Back Brazil Portuguese Czech Dutch English Finnish French German Greek Hungarian Italian Japanese Korean Polish Portuguese Russian Spanish Simplified Chinese Swedish Turkish Traditional Chinese Ukrainian	<b>Operating conditions</b>	
Other convenience	Kensington lock VESA mount (100x100mm)	Temperature range (operation)	0°C to 40 °C
Plug & Play Compatibility	DDC/CI Mac OS X sRGB Windows 11 / 10 / 8.1 / 8	Temperature range (storage)	-20°C to 60 °C
		Relative humidity	20%-80 %
		Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
		MTBF	30,000 hour(s)
		<b>Sustainability</b>	
		Environmental and energy	RoHS
		Recyclable packaging material	100 %
		Specific Substances	Mercury free PVC / BFR free housing
		<b>Compliance and standards</b>	
		Regulatory Approvals	CB CE Mark FCC Class B ICES-003 CU-EAC EAEU RoHS TUV/ISO9241-307 TUV-BAUART cETLus
<b>Stand</b>		<b>Cabinet</b>	
Height adjustment	120 mm	Color	White
Swivel	-/+ 20 degree	Finish	Textured
Tilt	-5/15 degree		

\* 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

\* DCI-P3 Coverage based on CIE1976 (typ.)

\* sRGB Coverage based on CIE1976 (typ.)

\* sRGB Area based on CIE1931

\* Adobe RGB Coverage based on CIE1976

\* For USB-C power and charging function, your Notebook/device must support USB-C standard Power Delivery specifications. Please check with your Notebook user manual or manufacturer for more details.

\* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode

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\* The monitor may look different from feature images.



data subject to change  
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Accessory Remote control, VESA bracket