

# PHILIPS

## EVNIA



QD OLED gaming  
monitor

Gaming Monitor

Evnia 8000

49 (48.9" / 124.3 cm diag.)

5120 x 1440 (Dual QHD)



49M2C8900L

## Gaming beyond innovation

Experience luxurious gaming with this monitor's colorful QD OLED display, incredible DisplayHDR™ TrueBlack 400 certification, and booming DTS Sound™ speakers. This monitor is likely to give you a gaming escapade that's hard to forget.

### Features designed for gamers needs

- Ambiglow intensifies entertainment with halo of light
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- DTS Sound™ with 30W output: for enhanced audio

### Built for fast action

- Low input lag reduces time delay between devices to monitor
- SmartImage game mode optimized for gamers
- VESA ClearMR 8000: for trusted, high-quality imagery

### Immersive visuals

- 32:9 SuperWide screen designed to replace multiscreen setups
- DisplayHDR™ TrueBlack 400 delivers incredible shadow details
- True 10-bit display reproduces smoother gradients on visuals
- QD OLED for superior colors and vibrant visuals

### The gaming advantage is yours

- Stark ShadowBoost: for enhancing visibility in dark scenes

## Highlights

### QD OLED technology



QD-OLED represents a hybrid approach that marries the OLED panels and quantum dot technology. By combining what's best of both, QD-OLED guarantees high contrast, deep blacks, and unlimited viewing angles, with the higher peak brightness and more vibrant colors.

### LowBlue mode & Flicker-free



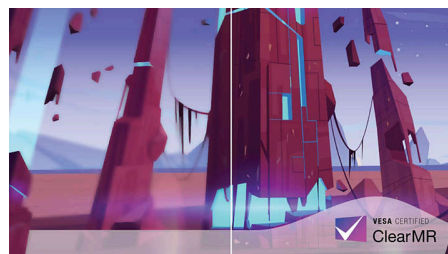
Our LowBlue Mode and Flicker-free technology have been developed to reduce eye strain and fatigue often caused by long hours in front of a monitor.

### 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.

### 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.

### 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.

## Highlights

### Stark ShadowBoost



This feature enhances dark scenes without overexposing lightened areas. The Stark Shadowboost feature has three selectable levels that offer texturized images with better color saturation with higher contrast so you can see better in both light and dark environments. In addition, this feature helps you fine-tune your sight so that enemies get exposed more quickly when gaming.

### DTS Sound™ with 30W output



Your elevated sound experience has arrived. This monitor is equipped with four 7.5 watt speakers, ultimately adding up to a 30W output sound system. In addition to the extra wattage, the DTS Sound speakers provide a warm, detailed, and enhanced audio experience that will ultimately make your gaming experience more immersive.

### 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.

# Specifications

Picture/Display

Panel Size: 48.9 inch / 124.3 cm  
Aspect ratio: 32:9  
Monitor Panel Type: QD OLED  
Pixel pitch: 0.233 x 0.233 mm  
Brightness: SDR: 250 (APL 100%) nit, HDR : 450 (APL 10%) nit, HDR E/P: 1000 (APL 3%) nit  
Display colors: Color support 1.07 billion colors (10 bit)  
Color gamut (typical): NTSC 127.4%\*, sRGB 153.1%\*, Adobe RGB 125.2%\*  
Color gamut (min.): DCI-P3: 99%\*  
Contrast ratio (typical): 1,000,000:1  
SmartContrast: Mega Infinity DCR  
Response time (typical): 0.03 ms (Gray to Gray)\*  
Viewing angle: @ C/R > 10, 178° (H) / 178° (V)  
Picture enhancement: SmartImage game  
Maximum resolution: 5120 x 1440 @ 144 Hz (DP) 5120 x 1440 @ 60 Hz (HDMI)  
Effective viewing area: 1196.7 (H) x 339.2 (V) - at a 1800R curvature\*  
Scanning Frequency: kHz (H) / 48 - 144 Hz (V) sRGB  
Delta E: < 2 (sRGB)  
Flicker-free  
Pixel Density: 108.77 PPI  
LowBlue Mode  
Display Screen Coating: Anti-reflection, 2H  
Low Input Lag  
Adaptive sync  
AMD FreeSync™ technology: Premium Pro  
HDR: DisplayHDR True Black 400 certified  
Ambiglow: 3-sided

Pixel format: RGB Q-Stripe\*  
Stark ShadowBoost  
Clear MR Tier: 8000

Connectivity

Signal Input: HDMI 2.0 x 2, DisplayPort 1.4 x 1, USB-C x 1 (DP Alt mode, Power Delivery)  
Sync Input: Separate Sync  
Audio (In/Out): Audio out  
HDCP: HDCP 2.3 (HDMI / DisplayPort / USB-C), HDCP 2.2 (HDMI / DisplayPort / USB-C), HDCP 1.4 (HDMI / DisplayPort / USB-C)  
USB Hub: USB version 3.2 Gen1 / 5Gbps, USB-B upstream x 1, USB-A downstream x 4 (with 2 for fast charge)

Power Delivery

Max power delivery: USB-C up to 90 W (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 20V/3.25A, 20V/4.5A)  
Version: USB PD version 3.0

Convenience

Built-in Speakers: 7.5 W x 4, DTS  
Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8  
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), VESA bracket  
MultiView: PIP/PBP mode, 2x devices KVM  
Low blue light: Low blue light compliance\*

Sound

Output Power: 30 W, 2.2 Channel  
Sound Enhancement: DTS Sound  
Speaker Configuration: 7.5 W x 2 tweeters, 7.5 W x 2 woofers with flow port

Stand

Height adjustment: 120 mm  
Swivel: +/- 20 degree  
Tilt: -5/15 degree

Power

Power supply: Internal, 100-240VAC, 50-60Hz  
Off mode: 0.3 W (typ.)  
On mode: 156.50 W (typ.)  
Standby mode: 0.5 W (typ.)  
Power LED indicator: Operation - White, Standby mode- White (blinking)  
Energy Label Class: G

Dimensions

Packaging in mm (WxHxD): 1290 x 300 x 475 mm  
Product without stand (mm): 1195 x 369 x 181 mm  
Product with stand(max height): 1195 x 544 x 359 mm

## Specifications

### Weight

Product with packaging (kg): 19.41 kg

Product with stand (kg): 13.96 kg

Product without stand (kg): 10.82 kg

### Operating conditions

Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)

Temperature range (operation): 0°C to 40 °C

MTBF: 30,000 hour(s)

Relative humidity: 20%-80 %

Temperature range (storage): -20°C to 60 °C

### Sustainability

Environmental and energy: RoHS

Recyclable packaging material: 100 %

Specific Substances: Mercury free, PVC / BFR free housing

### Compliance and standards

Regulatory Approvals: CB, CE Mark, FCC Class B, ICES-003, TUV/ISO9241-307, TUV-BAUART, EAC

### Cabinet

Color: White

Finish: Textured

### What's in the box?

Cables: HDMI cable, DisplayPort cable, USB upstream cable, USB-C to USB-C cable, Power cable

Monitor with stand

User Documentation

Accessory: Remote control, VESA bracket



- \* 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.
- \* DCI-P3 Coverage based on CIE1976
- \* NTSC Area based on CIE1976
- \* sRGB Area based on CIE1931
- \* Adobe RGB Area 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
- \* The monitor may look different from feature images.
- \* 2020 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, AMD FreeSync™ and combinations thereof are trademarks of Advanced Micro Devices, Inc. Other product names used in this publication are for identification purposes only and may be trademarks of their respective companies.
- \* Radius of the arc of the display curvature in mm
- \* G-Sync compatible only supports VRR (Variable Refresh Rate) from 50Hz - 240Hz.
- \* The ratio of display emission light in the range from 415 - 455 nm to the display emission of 400 - 500 nm shall be less than 50%.
- \* 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®
- \* Active pixels: 5120(H) x 1440 (V). Number of total pixels: 5136(H) x 1456 (V); extra 8 pixels on each side, space reserved for pixel orbiting.
- \* Response time value equal to SmartResponse. The measurement pattern is 1 horizontal line.
- \* The products and accessories listed on this leaflet may differ by country and region.
- \* This monitor strives for sustainability: the stand's feet are made with 35% recycled plastic.