

PHILIPS



QD OLED gaming
monitor

Gaming Monitor

Evnia 8000

49 (48.9" / 124.3 cm diag.)

5120 x 1440 (Dual QHD)



49M2C8900LA

Gaming beyond innovation

Experience luxurious gaming with this monitor's colourful 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

- Stark ShadowBoost: for enhancing visibility in dark scenes
- Evnia Precision Centre: Maximise Your Gaming Experience
- Smart Sniper: for zooming in on targets
- AI-enhanced Ambiglow: for intensified entertainment
- DTS Sound™ with 30 W output: for enhanced audio
- Smart Crosshair: for better aim and more fun

Built for fast action

- Low input lag reduces time delay between devices to monitor
- VESA ClearMR 8000: for trusted, high-quality image

Immersive visuals

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

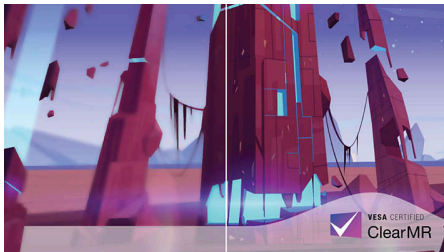
Highlights

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 improving play on twitch-sensitive video games, particularly important for playing fast-paced, competitive games.

VESA ClearMR 8000



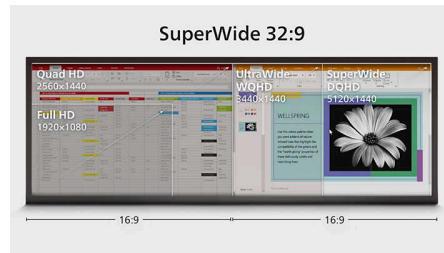
Previously, methods to test blurry image quality were measured through MRPT. VESA Certified ClearMR acts as an alternative to MRPT in which blur is tested with a digital high-speed camera. For monitors that are sent in and certified through VESA Certified ClearMR, you can rest assured that you will have 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. As this monitor is certified as ClearMR 8000, it has one of the highest classifications of image quality, meaning less overall blur.

DisplayHDR™ True Black 400



This Philips monitor is certified with VESA DisplayHDR™ True Black 400, delivering stunningly accurate shadow details with deeper blacks for a remarkable visual experience compared with conventional monitors of the same peak luminance. This Philips monitor comes with several HDR modes, each optimised for your usage scenarios: HDR Game, HDR Movie, HDR Photo and VESA DisplayHDR-certified level.

32:9 SuperWide



32:9 SuperWide 49" screen with 5120 x 1440 resolution is designed to replace multiscreen setups for a massive wide view. It's like having two 27" 16:9 Quad HD displays side by side. SuperWide monitors offer the screen area of dual monitors without the complicated setup.

True 10-bit colour depth



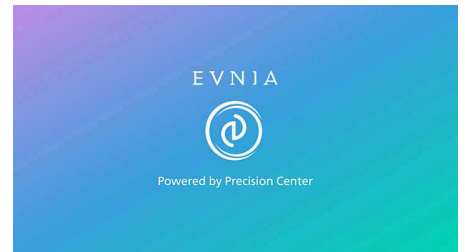
With this Philips true 10-bit colour display, you can see colour-critical professional work of exceptional colour accuracy that meets professional standards. Compared with conventional 8-bit colour displays, this Philips monitor produces a more natural transition between hues for smoother gradients.

QD OLED technology



QD-OLED represents a hybrid approach that marries 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 a higher peak brightness and more vibrant colours.

Evnia Precision Centre



Evnia Precision Centre is an easy-to-use software designed to optimise and personalise your Evnia monitor. Whether you're a casual or competitive gamer, it offers a wide range of customisation options to match your unique gaming style. With intuitive controls and seamless navigation, Evnia Precision Centre gives you full control, providing everything you need to elevate your gaming to the next level — right at your fingertips.

DTS Sound™ with 30 W output



Your elevated sound experience has arrived. This monitor is equipped with four 7.5 watt speakers, ultimately adding up to a 30 W 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.

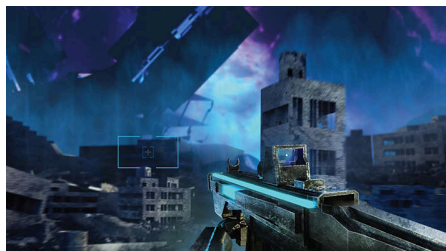
Highlights

AI-enhanced Ambiglow



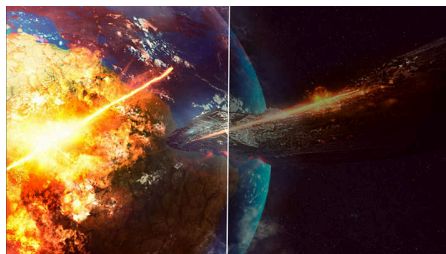
Our AI-enhanced processor analyses the incoming image content and continuously adapts the colour and brightness of the emitted light to match the image. This feature adds a new dimension to your viewing experience. The innovative Ambiglow uses its AI capabilities to create a truly immersive and customisable gaming experience. From filling your gaming room with colour to feeling like you are part of the game, the AI-enhanced Ambiglow is made to make your gaming experience the best it's ever been by combining intelligence, colour and light.

Smart Crosshair



Colour of Crosshair is set by default. When Smart Crosshair is on, the colour will change as a complementary colour to the background colour. Smart Crosshair enhances the aiming accuracy so you can spot the enemies more easily.

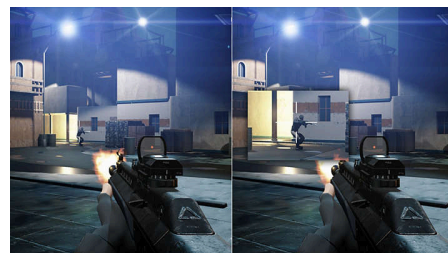
Stark ShadowBoost



This feature enhances dark scenes without overexposing lightened areas. The Stark ShadowBoost feature has three selectable levels

that offer texturised images with better colour saturation and 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.

Smart Sniper



This feature enables you to zoom in to multiple targets at once; ultimately making it easier to aim and hit your enemies.

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 colours: Colour support 1.07 billion colours (10-bit)
Colour gamut (typical): NTSC 127.4%*, sRGB 153.1%*, Adobe RGB 125.2%*
Colour gamut (min.): DCI-P3: 99%*
Contrast ratio (typical): 1,000,000:1
SmartContrast: Mega Infinity DCR
Response time (typical): 0.03 ms (Grey to Grey)*
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
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 Gen1/5 Gbps, USB-B upstream x 1, USB-A downstream x 4 (with 2 for fast charging)

Power Delivery

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

Convenience

Built-in Speakers: 7.5 W x 4, DTS
Plug and 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 (100 x 100 mm), VESA bracket
MultiView: PIP/PBP mode, 2 x 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, 100–240 VAC, 50–60 Hz
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 (flashing)
Energy Label Class: G

Dimensions

Packaging in mm (W x H x D):
 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

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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
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

Colour: 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 CIE 1976

* 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.

* Radius of the arc of the display curvature in mm

* 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 that 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.

