



Philips Evnia Gaming
Monitor
QD OLED 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 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

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

Built for fast action

- Low input lag reduces time delay between devices to monitor
- SmartImage game mode optimised for gamers
- 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

The gaming advantage is yours

- Stark ShadowBoost: for enhancing visibility in dark scenes

EVNIA

PHILIPS

Highlights

QD OLED technology



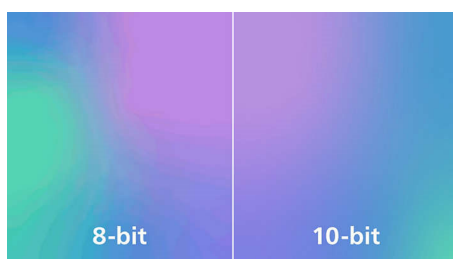
QD-OLED represents a hybrid approach that marries OLED panels and quantum dot technology. By combining what's best of both, QD-OLED guarantees high contrast, deep blacks and unlimited viewing angles, with a higher peak brightness and more vibrant colours.

LowBlue mode and 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.

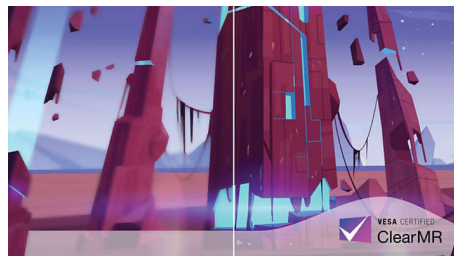
True 10-bit colour depth



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.

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.

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 colour 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.

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.

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.

Specifications

Connectivity

- Signal Input: HDMI 2.1 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)

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
- AMD FreeSync™ technology: Premium Pro
- HDR: DisplayHDR True Black 400 certified
- Ambiglow: 3 sided
- Pixel format: RGB Q-Stripe*
- Stark ShadowBoost

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

Specifications

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

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EAN: 87 12581 80392 6

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* 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.

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* Radius of the arc of the display curvature in mm

* G-Sync compatible only supports VRR (Variable Refresh Rate) from 50 Hz - 240 Hz.

* 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 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.