



Philips Evnia Gaming
Monitor
QD OLED gaming monitor

Evnia 8000

49 (48.9" / 124.3 cm diag.)
5120 x 1440 (Dual QHD)



49M2C8900

Gaming beyond innovation

Elevate your gaming experience with this monitor's incredible contrast-producing QD OLED display, 32:9 Curved SuperWide screen, and exclusive Ambiglow feature so you can set the mood of the room for each game.

Built for fast action

- Ultra-fast 240 Hz refresh rate for virtually lag-free gaming
- Certified NVIDIA® G-SYNC® compatible for smooth fast gaming
- AMD FreeSync™ Premium Pro; smooth, low latency HDR gaming
- VESA Certified ClearMR: for accurate blur testing
- SmartImage game mode optimized for gamers

Immersive visuals

- QD OLED for superior colors and vibrant visuals
- True 10-bit display reproduces smoother gradients on visuals
- DisplayHDR™ TrueBlack 400 delivers incredible shadow details
- Curved display design for more immersive experience

Features designed for gamers needs

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



reddot winner 2023

EVNIA

PHILIPS

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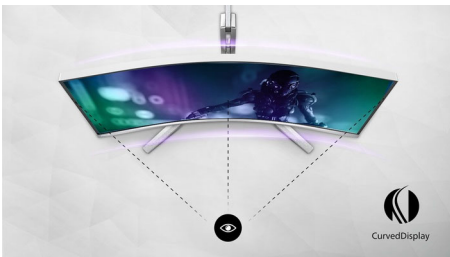
Highlights

QD OLED technology



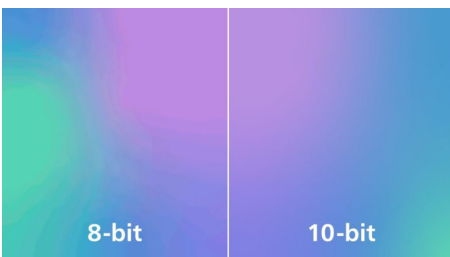
QD-OLED represents a hybrid approach that marries the OLED panels and quantum dot technology. By combining what's best of both, QD-OLED guarantees high contrast, deep blacks, and unlimited viewing angles, with the higher peak brightness and more vibrant colors.

Curved display design



Desktop monitors offer a personal user experience, which suits a curve design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the center of your desk.

True 10-bit color depth



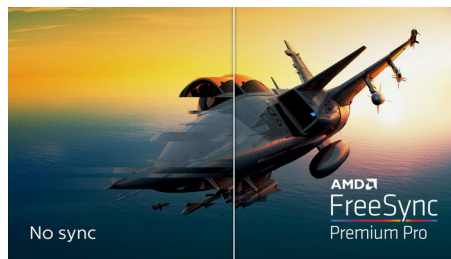
With this Philips true 10-bit color display, you can see color critical professional work of exceptional color accuracy and meeting professional standards. Compared with conventional 8-bit color display, this Philips monitor produces a more natural transition between hues for smoother gradients.

DisplayHDR™ True Black 400



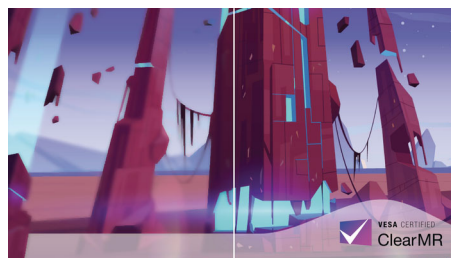
This Philips monitor is certified with VESA DisplayHDR™ True Black 400. Delivering stunningly accurate shadow detail with deeper blacks for a remarkable visual experience compared with conventional monitors of the same peak luminance. This Philips monitor comes with several HDR modes, each optimized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

AMD FreeSync™ Premium Pro



Gaming shouldn't be a choice between choppy gameplay or broken frames. AMD FreeSync™ Premium Pro provides the true HDR gaming experience: a combination of smooth gaming at peak performance, and exceptional high dynamic range visuals while still maintaining low latency.

VESA ClearMR 13000



Previously, methods to test blur on screen were measured through MRPT. VESA Certified ClearMR acts as an alternative to

MRPT and is designed to reflect the true nature of blur through digital high-speed camera testing. 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 this monitor being ClearMR 13000 classified, it has one of the highest classifications of image quality, meaning less overall blur.

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.

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.



Specifications

Picture/Display

- Monitor Panel Type: QD OLED
- Panel Size: 48.9 inch / 124.3 cm
- Display Screen Coating: Anti-reflection, 2H
- Effective viewing area: 1196.7 (H) x 339.2 (V) - at a 1800R curvature*
- Pixel format: RGB Q-Stripe*
- Aspect ratio: 32:9
- Maximum resolution: 5120 x 1440 @ 240 Hz
- Pixel Density: 108.77 PPI
- Response time (typical): 0.03 ms (Gray to Gray)*
- Low Input Lag
- Brightness: SDR: 250 (APL 100%) nit, HDR: 450 (APL 10%) nit, HDR E/P: 1000 (APL 3%) nit
- SmartContrast: Mega Infinity DCR
- Contrast ratio (typical): 1,500,000:1
- Pixel pitch: 0.233 x 0.233 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- HDR: DisplayHDR True Black 400 certified
- Color gamut (min.): DCI-P3: 99%*
- Color gamut (typical): NTSC 127.4%*, sRGB 153.1%*, Adobe RGB 125.2%*
- Picture enhancement: SmartImage game
- Display colors: Color support 1.07 billion colors (10 bit)
- Scanning Frequency: 30 - 388 kHz (H) / 48 - 240 Hz (V)
- LowBlue Mode
- EasyRead
- Delta E: < 2 (sRGB)
- sRGB
- Ambiglow: 3-sided
- AMD FreeSync™ technology: Premium Pro
- G-SYNC: Compatible 50 Hz ~ 240 Hz*

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 / DisplayPort / USB-C), HDCP

- 2.3 (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 B.C 1.2)
- Audio (In/Out): Audio out
- Sync Input: Separate Sync

Power Delivery

- Version: USB PD version 3.0
- Max power delivery: Up to 90W (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/4.5A)

Convenience

- Built-in Speakers: 7.5 W x 4, DTS
- MultiView: PIP/PBP mode, 2x devices
- KVM
- 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 11 / 10 / 8.1 / 8
- 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

- On mode: 163.35 W (typ.)
- Standby mode: 0.5 W (typ.)
- Off mode: 0.3 W (typ.)
- Energy Label Class: G
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Internal, 100-240VAC, 50-60Hz

Dimensions

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

Weight

- Product with stand (kg): 13.96 kg
- Product without stand (kg): 10.82 kg
- Product with packaging (kg): 19.41 kg

Operating conditions

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

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, CU-EAC, EAEU RoHS, TUV/ISO9241-307, TUV-BAUART, cETLus

Specifications

Cabinet

- Color: White
- Finish: Textured

What's in the box?

- Monitor with stand

- Cables: HDMI cable, DisplayPort cable, USB upstream cable, USB-C to USB-C cable, Power cable
- User Documentation
- Accessory: Remote control, VESA bracket

Issue date 2023-11-22

Version: 8.3.2

12 NC: 8670 001 89185
EAN: 87 12581 80166 3

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- * Radius of the arc of the display curvature in mm
- * 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.
- * 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.
- * Make sure to update NVIDIA® G-SYNC® driver to the latest version, see more information on NVIDIA website: <https://www.nvidia.com/>
- * G-Sync compatible only supports VRR (Variable Refresh Rate) from 50Hz - 240Hz.
- * Make sure your graphic card supports NVIDIA® G-SYNC®
- * DCI-P3 Coverage based on CIE1976
- * NTSC Area based on CIE1976
- * sRGB Area based on CIE1931
- * Adobe RGB Area based on CIE1976
- * 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%.
- * 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.
- * 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.