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.

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

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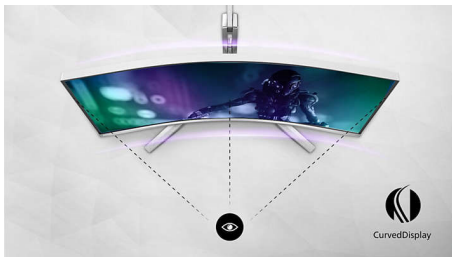- QD OLED for superior colors and vibrant visuals

EVNIA | **PHILIPS**
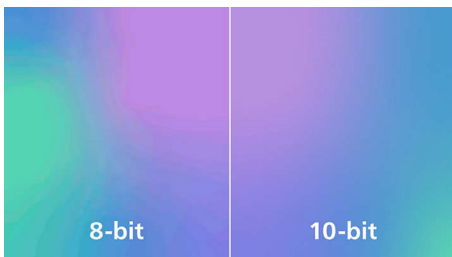
Highlights

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

CurvedDisplay

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.
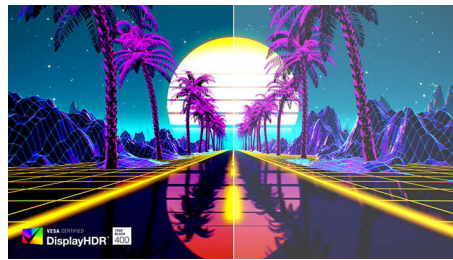
True 10-bit color depth

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.

Ultra-fast 240 Hz refresh rate

While playing the most intense engaging action-oriented games, ultra-fast 240 Hz refresh rate enhances an ultra-smooth, lag-free gaming experience. This Philips display redraws the screen image up-to 240 times per second, effectively faster than a standard display. Especially for fast-paced games like FPS and racing games, 240 Hz gives a superior motion and clarity visuals. With Philips 240 Hz display,
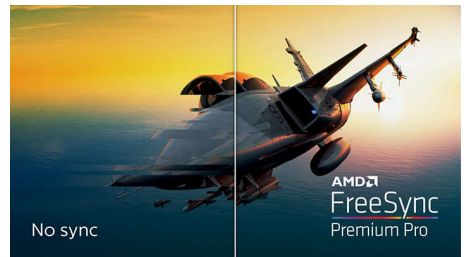
action sequences in gameplay look judder-free and ghost-free. You will experience deeper immersion and feeling alive in game.

NVIDIA® G-SYNC® compatible

When playing intense games with high refresh rates, screen tearing may appear without optimal graphics synchronization. This Philips display is certified as NVIDIA® G-SYNC® compatible, reducing screen tearing and syncing your monitor's refresh rate with your graphic card's output for a smoother gaming experience. Scenes appear instantly, objects look sharper, and gameplay is smooth, giving you a stunning visual experience and a serious competitive edge.

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.

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 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)

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): 1,500,000:1
- SmartContrast: Mega Infinity DCR
- Response time (typical): 0.03 ms (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage game
- Maximum resolution: 5120 x 1440 @ 240 Hz
- Effective viewing area: 1196.7 (H) x 339.2 (V) - at a 1800R curvature*
- Scanning Frequency: 30 - 388 kHz (H) / 48 - 240 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

- EasyRead
- AMD FreeSync™ technology: Premium Pro
- G-SYNC: Compatible 50 Hz ~ 240 Hz*
- HDR: DisplayHDR True Black 400 certified
- Ambiglow: 3-sided
- Pixel format: RGB Q-Stripe*

Power Delivery
- Max power delivery: Up to 90W (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 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)
- 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: 163.35 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

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

Specifications

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

* 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.
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* 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.