

PHILIPS

EVNIA



QD OLED gaming
monitor

Gaming Monitor

Evnia 8000

26.5" (67.3cm)

2560 x 1440 (Quad HD)



27M2N8500X

Gaming beyond innovation

This monitor is built for gaming at high speeds. Its 500Hz refresh rates, QD OLED panel, and DisplayHDR TrueBlack 500 certification make it a combination of incredible speed and premium picture quality.

Features designed for gamers needs

- Stark ShadowBoost: for enhancing visibility in dark scenes
- AI-enhanced Ambiglow: for intensified entertainment
- Smart Sniper: for zooming in on targets
- Evnia Precision Center: Maximize Your Gaming Experience
- Dynamic Lighting: Synchronize lighting on all devices.
- Tilt, swivel and height-adjust for an ideal viewing position
- MultiView enables simultaneous dual connection and view
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- Smart Crosshair: for better aim and more fun

Built for fast action

- 500Hz refresh rate for ultra-smooth and brilliant imagery

Immersive visuals

- DisplayHDR™ TrueBlack 500 delivers incredible shadow details
- QD OLED for superior colors and vibrant visuals

Gaming Monitor

QD OLED gaming monitor

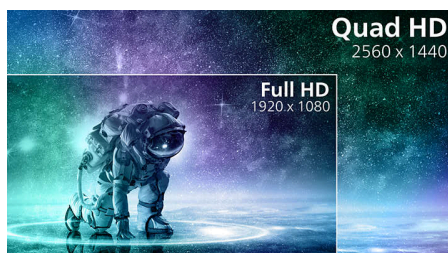
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Highlights

500Hz Gaming

For intense, competitive gaming, you need a display that delivers lag-free, ultra-smooth visuals. This Philips display refreshes up to 500 times per second, far faster than standard screens. Lower frame rates can make enemies appear to jump, making them harder to target. With a 500Hz refresh rate, it captures critical frames, ensuring ultra-smooth motion and precise enemy tracking. Featuring ultra-low input lag and no screen tearing, this Philips display is your ideal gaming partner.

Crystalclear images



These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystalclear images.

DisplayHDR™ True Black 500

This Philips monitor is certified with VESA DisplayHDR™ True Black 500. 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.

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.

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



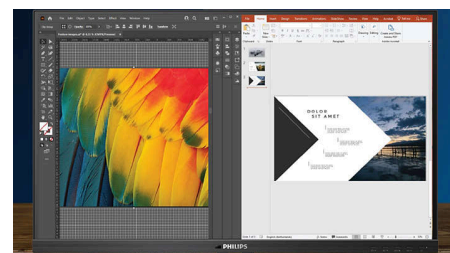
Our LowBlue Mode and Flicker-free technology have been developed to reduce eye strain and fatigue often caused by long hours in front of a monitor.

AI-enhanced Ambiglow



Our AI-enhanced processor analyzes the incoming image content and continuously adapts the color 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 customizable gaming experience. From filling your gaming room with color 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, color, and light.

MultiView technology



With the ultra-high resolution Philips MultiView display you can now experience a world of connectivity. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and notebook simultaneously, for complex multi-tasking.



Quad HD



LowBlue Mode



Multiview



CompactErgo Base



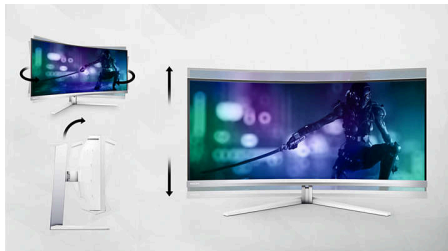
Gaming Monitor

QD OLED gaming monitor

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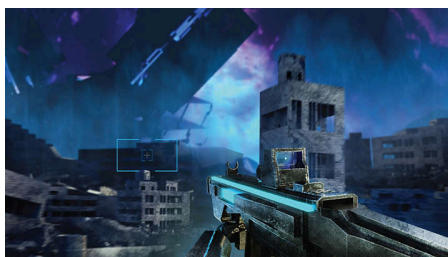
Highlights

Compact Ergo Base



The Compact Ergo Base is a people-friendly Philips monitor base that tilts, swivels and height-adjusts so each user can position the monitor for maximum viewing comfort and efficiency.

Smart Crosshair



Color of Crosshair is set by default. When Smart Crosshair is on, the color will change as complementary color to the background color. Smart Crosshair enhances the accuracy of aiming 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 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.

Dynamic Lighting



This feature is a Microsoft certification program that enables with users Windows 11 to synchronize and manage the RGB lighting of all their monitors and peripherals from one menu. By doing this, the Dynamic Lighting feature creates a complete RGB lighting ecosystem with

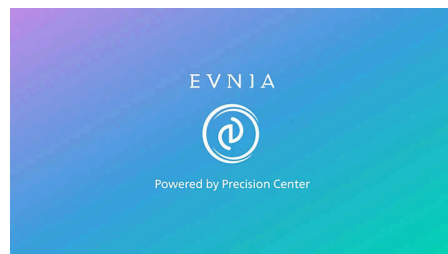
Philips Evnia Ambiglow across all devices that ultimately caters to a customizable user experience.

Smart Sniper



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

Evnia Precision Center



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

Specifications

Picture/Display

Panel Size: 26.5 inch / 67.3 cm

Aspect ratio: 16:9

Monitor Panel Type: QD OLED

Pixel pitch: 0.2292x0.2292mm

Brightness: SDR: 300nits (APL 100%); HDR: 515nits (APL 10%); HDR E/P: 1000nits (APL 3%) nit

Display colors: 1.07B (10bits)

Color gamut (typical): Adobe RGB 94%; DCI-P3:95%, sRGB: 133%, NTSC 105%.*

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 > 10000

Picture enhancement: SmartImage game

Maximum resolution: 2560x1440 @ 500Hz (DP/HDMI)

Effective viewing area: 590.42(H)x333.72(V)mm

Scanning Frequency: 30 - 510K kHz (H) / 48 - 500 Hz (V)

sRGB

Delta E: <2 (sRGB)

Flicker-free

Pixel Density: 109 PPI

LowBlue Mode

Display Screen Coating: Anti-reflection, 2H

Low Input Lag

EasyRead

Adaptive sync

HDR: DisplayHDR True Black 500 certified

Pixel format: RGB Q-Stripe*

Smart Sniper

Stark Shadow Boost

Windows Dynamic Lighting

Smart Crosshair

Shadow Boost

Connectivity

Signal Input: HDMI 2.1 x 2, DisplayPort 2.1 x 1

Sync Input: Separate Sync

Audio (In/Out): Headphone out

HDCP: HDCP 1.4 (HDMI / DisplayPort), HDCP 2.3 (HDMI / DisplayPort)

USB Hub: USB-B upstream x1, USB-A downstream x2 (downstream with x1 fast charge)

Convenience

Plug & Play Compatibility: DDC/CI, Mac OS, sRGB, Windows 11 / 10

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, LowBlue Mode

MultiView: PIP/PBP mode, 2x devices

Low blue light: Yes*

Ambiglow: Ambiglow 3 sided

Stand

Height adjustment: 130 mm

Swivel: -/+ 30 degree

Tilt: -5/20 degree

Power

Power supply: Internal, 100-240VAC, 50-60Hz

Off mode: 0.3 W (typ.)

On mode: 83.7 W (typ.)

Standby mode: 0.5 W (typ.)

Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

Packaging in mm (WxHxD): 780 x 445 x 141 mm

Product without stand (mm): 609 x 358 x 61 mm

Product with stand(max height): 609 x 514 x 275 mm

Weight

Product with packaging (kg): 10.83 kg

Product with stand (kg): 7.17 kg

Product without stand (kg): 5.84 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: PVC / BFR free housing

Post consumer recycled plastics: 35%*

Compliance and standards

Regulatory Approvals: CB, CE Mark, MEPS, PSB, CEL, CCC, UKCA, EMF, FCC, ICES-003

Cabinet

Color: White

Finish: Textured

Design

Designed in Amsterdam, NL



* Response time value equal to SmartResponse. The measurement pattern is 1 horizontal line.
* Adobe RGB and DCI-P3 Coverage based on CIE1976, sRGB Area based on CIE1931, NTSC Area based on CIE1976.
* Active pixels: 2560(H) x 1440(V). Number of total pixels: 2576(H) x 1456(V); extra pixels on each side, space reserved for pixel orbiting.
* 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.
* 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%.
* This monitor strives for sustainability: the base is made with 35% recycled plastic.
* The monitor may look different from feature images.
* The products and accessories listed on this leaflet may differ by country and region.