

PHILIPS

EVNIA



QD OLED gaming
monitor

Curved Gaming Monitor

Evnia 8000

34" (86.36 cm)

3440 x 1440 (WQHD)



34M2C8600

Gaming beyond innovation

Be prepared to get stunned by the precise color reproduction of Evnia QD OLED gaming monitor. The innovative Ambiglow redefines what gaming environment usually is. You won't miss a thing in your game with our curved display.

Features designed for gamers needs

- Protects and cools for lasting color clarity
- AI-enhanced Ambiglow: for intensified entertainment
- Evnia Precision Center: Maximize Your Gaming Experience
- Dynamic Lighting: Synchronize lighting on all devices.
- Enhanced audio with DTS Sound™

Built for fast action

- AMD FreeSync™ Premium Pro; smooth, low latency HDR gaming
- VESA ClearMR 9000: for the highest-quality of imagery

Immersive visuals

- Ultra Wide-Color wider range of colors for a vivid picture
- Curved display design for more immersive experience
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels
- DisplayHDR™ TrueBlack 400 delivers incredible shadow details
- True 10-bit display reproduces smoother gradients on visuals

Curved Gaming Monitor

QD OLED gaming monitor

34M2C8600/89

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.

VESA ClearMR 9000



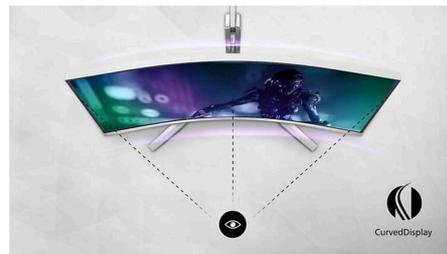
Previously, methods to test blurry imagery were measured through MRPT. VESA Certified ClearMR acts as an alternative to MRPT and blur is tested with a digital high-speed camera. For monitors that are sent in and certified through VESA Certified ClearMR, you can rest assured that you will have an accurate assessment of the monitor's blur quality. Each certification is defined through a CMR range, with the highest tier being VESA ClearMR 9000. With this monitor being certified as ClearMR 9000, it has the highest classification of image quality, meaning the least amount of overall blur.

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.

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.

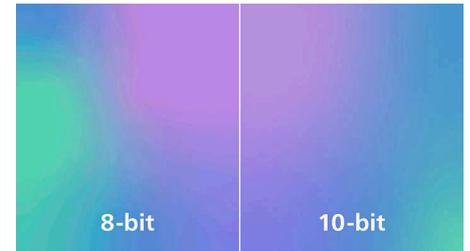
DisplayHDR™ True Black 400



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.

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.

UltraWide CrystalClear images



These Philips screens deliver CrystalClear, UltraWide Quad HD 3440 x 1440 pixel images. Utilizing high performance panels with high-density pixel count, 178/178 wide viewing angles, these new displays will make your images and graphics come alive. The UltraWide 21:9 format enables more productivity with more room for side-by-side comparisons and more viewable spreadsheet columns. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, or a financial wizard working on huge spreadsheets, Philips displays delivers CrystalClear images.



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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.

DTS Sound™



DTS Sound is an audio processing solution designed to optimize the playback of music, movies, streaming and games on the PC regardless of form factors. DTS Sound enables an immersive virtual surround sound experience, complete with rich bass and dialog enhancement and maximized volume levels free of any clipping or distortion.

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.

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.

Cooling shield



Defend your QD-OLED display's true colors from fading over time. To increase the lifespan of your display, this monitor has an integrated graphene shield which keeps your display cool. The graphene preserves display integrity by evenly dispersing heat generated by the blue light emitted from your screen, and cooling more effectively than graphite. For gamers, this means you can play with confidence that the colors in your game will remain pixel-perfect.

Ultra Wide-Color Technology



Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color Technology.



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Specifications

Picture/Display

Panel Size: 34 inch / 86.36 cm
Aspect ratio: 21:9
Monitor Panel Type: QD OLED
Pixel pitch: 0.2315 x 0.2315 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 121.3%*, sRGB 148.8%*, Adobe RGB 97.8%*, DCI-P3 99.3%
Color gamut (min.): DCI-P3: 99.3%*
Contrast ratio (typical): 1,000,000:1
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: HDMI: 3440 x 1440 @ 100 Hz, DP/USB-C: 3440 x 1440 @ 175 Hz
Effective viewing area: 800.1 (H) x 337.1 (V) - at a 1800R curvature*
Scanning Frequency: HDMI: 30 - 160 kHz (H) / 48 - 100 Hz (V), DP/USB-C: 30 - 255 kHz (H) / 48 - 175 Hz (V)
sRGB
Delta E: <2 (sRGB)
Flicker-free
Pixel Density: 109.68 PPI
LowBlue Mode
Display Screen Coating: Anti-reflection, 2H
Low Input Lag
EasyRead
Adaptive sync
HDR: DisplayHDR True Black 400 certified
Ambiglow: 4-sided
Pixel format: RGB Q-Stripe*
Windows Dynamic Lighting

Connectivity

Signal Input: HDMI 2.0 x 2, DisplayPort 1.4 x 1, USB-C x 1 (DP Alt mode, Video, Data and 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 3.2 Gen 1 / 5 Gbps, USB-B upstream x 1, USB-A downstream x 4 (with 1 for fast charge B.C 1.2)

Power Delivery

Max power delivery: USB-C up to 90 W (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: 5 W x 2, DTS
Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8 / 7
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
MultiView: PIP/PBP mode, 2x devices
KVM
Low blue light: Low blue light compliance*

Stand

Height adjustment: 150 mm
Swivel: -/+ 20 degree
Tilt: -5/20 degree

Power

Power supply: Internal, 100-240VAC, 50-60Hz
Off mode: 0.3 W (typ.)
On mode: 113.6 W (typ.)
Standby mode: 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

Packaging in mm (WxHxD): 930 x 525 x 282 mm
Product without stand (mm): 813 x 367 x 135 mm
Product with stand(max height): 813 x 553 x 295 mm

Weight

Product with packaging (kg): 12.49 kg
Product with stand (kg): 8.70 kg
Product without stand (kg): 6.80 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, PSB

Cabinet

Color: White
Finish: Textured



* Radius of the arc of the display curvature in mm
* Active pixels: 3440 (H) x 1440 (V). Number of total pixels: 3456 (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.
* 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 CIE1976
* sRGB Area based on CIE1931
* Adobe RGB Coverage 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 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%.
* The monitor may look different from feature images.