



QD-OLED gaming
monitor

WQHD gaming
monitor

Evnia 8000

34" (86.36 cm)

3440 x 1440 (WQHD)



34M2C8600P

Gaming beyond innovation

This 34-inch WQHD QD-OLED display delivers deep contrast and true blacks that meet the DisplayHDR True Black 500 standard. Its 280Hz refresh rate delivers ultra-smooth action, and Ambiglow expands the action beyond the screen.

Built for fast action

- 280Hz trailblazing refresh rate for the smoothest gameplay

Immersive visuals

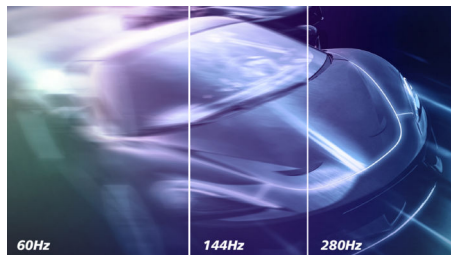
- Crystal-clear images with UltraWide QHD 3440 x 1440 pixels
- DisplayHDR™ TrueBlack 500 delivers incredible shadow detail
- True 10-bit display reproduces smoother gradients in visuals
- QD OLED for superior colours and vibrant visuals

Features designed for gamers' needs

- Access and display multiple sources on two devices
- LowBlue mode and Flicker-free easy-on-the-eyes viewing
- Built-in stereo speakers for multimedia
- Protects and cools for long-lasting colour clarity
- AI-enhanced Ambiglow: for intensified entertainment
- Evnia Precision Centre: Maximise Your Gaming Experience

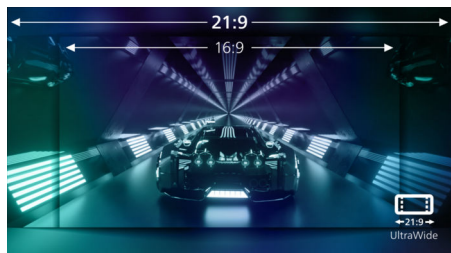
Highlights

Accelerated 280Hz refresh rate



The Philips Evnia 280 Hz display takes your gaming experience to new heights. Low input lag, coupled with variable refresh rate technology, gives you an immersive gaming advantage. Plus, our wide viewing angle panel with high resolution provides a realistic gaming experience with unsurpassed colour accuracy. Focus on what matters, as the adjustable stand gives you the comfort you deserve and flicker-free technology makes viewing easy, so you can continue gaming without health worries.

UltraWide CrystalClear images



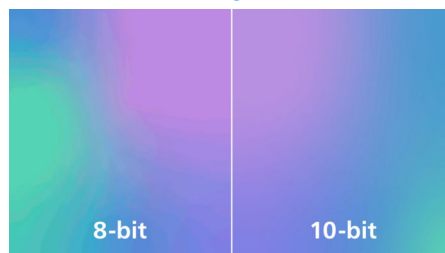
These Philips screens deliver CrystalClear, UltraWide Quad HD 3440 x 1440 pixel images. Using high-performance panels with a high-density pixel count and 178/178 wide viewing angles, these new displays will bring your images and graphics to life. The UltraWide 21:9 format enables greater productivity, with more room for side-by-side comparisons and more visible spreadsheet columns. Whether you are a demanding professional requiring extremely detailed information for CAD-CAM solutions, or a financial wizard working on huge spreadsheets, Philips displays deliver 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 optimised for your usage scenarios: HDR Game, HDR Movie, HDR Photo, and VESA DisplayHDR certified level.

True 10-bit colour depth



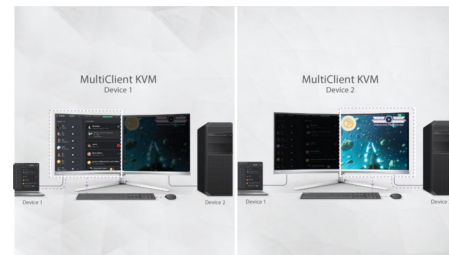
With this Philips true 10-bit colour display, you can see colour-critical professional work of exceptional colour accuracy, meeting professional standards. Compared with a conventional 8-bit colour display, this Philips monitor produces a more natural transition between hues for smoother gradients.

QD OLED technology



QD-OLED represents a hybrid approach that combines OLED panels with quantum dot technology. By bringing together the best of both, QD-OLED guarantees high contrast, deep blacks and unlimited viewing angles, together with higher peak brightness and more vibrant colours.

MultiView and built-in KVM



Control and switch between two devices using a single keyboard and mouse with the built-in KVM. MultiView lets you view both sources simultaneously on one screen. With these features, you can reduce cable clutter and save valuable time. Perfect for streamers with two PCs, content creators, or when prepping devices for a LAN event.

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.

Built-in stereo speakers

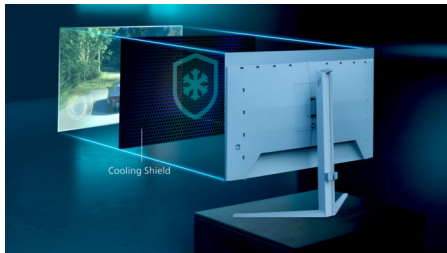


A pair of high-quality stereo speakers built into a display device. They may be visible and front-firing, or concealed and down-firing, top-firing, rear-firing, etc., depending on the model and design.



Highlights

Cooling shield



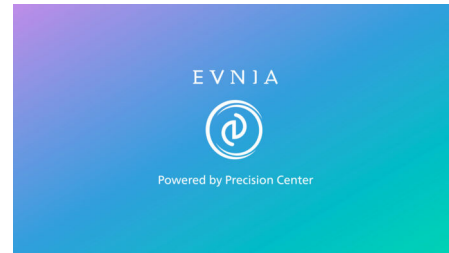
Protect your QD-OLED display's true colours from fading over time. To increase the lifespan of your display, this monitor has an integrated graphene shield that keeps your display cool. The graphene preserves display integrity by evenly dispersing heat generated by the blue light emitted from your screen,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

AI-enhanced Ambiglow



Our AI-enhanced processor analyses the incoming image content and continuously adapts the colour 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 customisable gaming experience. From filling your gaming room with colour to feeling like you are part of the game, the AI-enhanced Ambiglow is designed to make your gaming experience the best it's ever been by combining intelligence, colour and light.

Evnia Precision Centre



Evnia Precision Center is easy-to-use software designed to optimise and personalise your Evnia monitor. Whether you're a casual or competitive gamer, it offers a wide range of customisation 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 take your gaming to the next level—right at your fingertips.

WQHD gaming monitor

QD-OLED gaming monitor

34M2C8600P/00

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: 335nits (APL 100%); HDR: 535nits (APL 10%); HDR E/P: 1300nits (APL 3%)
Display colours: 1.07 billion (10 bit)
Colour gamut (typical): NTSC 121.3%, sRGB 148.8%, Adobe RGB 97.8%, DCI-P3:99.3% *
Contrast ratio (typical): 1.5M:1
SmartContrast: Mega Infinity DCR
Response time (typical): 0.03 ms (Grey to Grey)*
Viewing angle: 178° (H)/178° (V), @ C/R > 10000
Picture enhancement: SmartImage game
Maximum resolution: 3440 x 1440 @ 280Hz (HDMI/DP/USB-C)
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 - 280 Hz (V)
sRGB
Delta E: <1 (sRGB)
Flicker-free
Pixel Density: 109.68 PPI
LowBlue Mode
Display Screen Coating: Anti-reflection, 3H
SmartUniformity: 93~105%
Low Input Lag
Adaptive sync (VRR)
HDR: True Black HDR 500
Pixel format: RGB V-Stripe*
Clear MR Tier: 15,000
Smart Sniper
Smart Crosshair

Shadow Boost: Dynamic DarkBoost

Connectivity

Signal Input: HDMI 2.1 x 2, DisplayPort 1.4 x 1, USB-C x 1 (video, data and PD)
Sync Input: Separate Sync
Audio (In/Out): Headphone out
HDCP: HDCP 1.4 (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 2 (1 for FC)

Power Delivery

Max power delivery: USB-C up to 90W by Smart Power, (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/3.25A, 20V/4.5A)
Version: USB PD version 3.0

Convenience

Built-in Speakers: 5 W x 2
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 (100 x 100 mm), VESA bracket
Control software: Evnia Precision Centre
MultiView: PBP/PIP (4K@60 Hz)
KVM
Low blue light: Low blue light compliance*
Ambiglow: Ambiglow 4-sided

Stand

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

Power

Power supply: Internal, 100–240 VAC, 50–60 Hz
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 (flashing)
Energy Label Class: F

Dimensions

Packaging in mm (W x H x D): 930 x 525 x 282 mm
Product without stand (mm): 813 x 367 x 135 mm
Product with stand (max height): 813 x 555 x 311 mm

Weight

Product with packaging (kg): 16.799 kg
Product with stand (kg): 9.33 kg
Product without stand (kg): 7.4 kg

Operating conditions

Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
Temperature range (operation): 0°C to 35 °C
MTBF: 30,000 hrs (Excluding backlight)
Relative humidity: 20%-80 %
Temperature range (storage): -20°C to 60 °C

Specifications

Sustainability

Environmental and energy: RoHS

Recyclable packaging material: 100 %

Specific Substances: Mercury free, PVC/BFR free housing

Post-consumer recycled plastics: 35%*

Compliance and standards

Regulatory Approvals: CB, TUV/ISO9241-307, TUV-BAUART, EAC, EAC ROHS, MEPS, PSB, Korea MEPS, KC, KCC, CE Mark, UKCA, FCC, ICES-003, EMF

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, VESA bracket

Monitor with stand

User Documentation

- * Adobe RGB and DCI-P3 Coverage based on CIE1976, sRGB Area based on CIE1931, NTSC Area based on CIE1976.
- * Response time value equal to SmartResponse. The measurement pattern is 1 horizontal line.
- * 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.
- * 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%.
- * 35% recycled base cover/headphone holder
- * For best output performance, please always ensure that your graphics card is capable of achieving the maximum resolution and refresh rate of this Philips display.
- * For USB-C power and charging, your notebook/device must support the USB-C Power Delivery (PD) standard. Please refer to your notebook's user manual or contact the 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.
- * The products and accessories listed on this leaflet may differ by country and region.
- * The monitor may look different from feature images.

