

Philips(34M2C8600/00)

Philips Evnia 8000 34M2C8600 - OLED monitor - gaming - curved - 34" - 3440 x 1440 WQHD @ 175 Hz - 1000 cd/m² - 1000000:1 - DisplayHDR 400 True Black - 0.1 ms - 2xHDMI, DisplayPort, USB-C - speakers - white



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 the curved display.

Key Selling Points

- QD OLED for superior colors and vibrant visuals
- Low input lag reduces time delay between devices to monitor
- Curved display design for more immersive experience
- DisplayHDR TrueBlack 400 delivers incredible shadow details
- True 10-bit display reproduces smoother gradients on visuals
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels
- Enhanced audio with DTS Sound
- Access and display multiple sources on two devices
- Ambiglow intensifies entertainment with halo of light
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- Tilt, swivel and height-adjust for an ideal viewing position
- Ultra Wide-Color wider range of colors for a vivid picture
- SmartImage game mode optimized for gamers

Product Features

QD OLED for superior colors and vibrant visuals

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.

Low input lag reduces time delay between devices to monitor

Input lag is the amount of time that elapses between performing an action with connected devices and seeing the result on screen. Low input lag reduces the time delay between entering a command from your devices to monitor, greatly improve on playing twitch-sensitive video games, particularly important to whom plays fast-paced, competitive games.

Curved display design for more immersive experience

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 TrueBlack 400 delivers incredible shadow details

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 display reproduces smoother gradients on visuals

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.

CrystalClear images with UltraWide QHD 3440 x 1440 pixels

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 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.

Enhanced audio with 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.

Access and display multiple sources on two devices

Control and switch between two devices through a single keyboard and mouse with the built-in KVM. MultiView lets you survey 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.

Ambiglow intensifies entertainment with halo of light

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 analyzes 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.

LowBlue mode and Flicker-free easy-on-the eyes viewing

The 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.

Tilt, swivel and height-adjust for an ideal viewing position

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.

Ultra Wide-Color wider range of colors for a vivid picture

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.

SmartImage game mode optimized for gamers

The Philips gaming display has quick access OSD fine tuned for gamers, offering you multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts display with fastest response time, high color, along with image adjustments. "RTS" mode (Real time strategy) has a special SmartFrame mode which enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customized settings based on different games, ensuring best performance.

Main Specifications

Product Description	Philips Evnia 8000 34M2C8600 - OLED monitor - curved - 34" - HDR
Device Type	OLED monitor - 34"
Energy Class	Class G
Power Consumption (On mode)	98.1 W
Curved Screen	Yes
Adaptive-Sync Technology	AMD Adaptive-Sync
Features	KVM Switch, USB PD 90 Watt
Aspect Ratio	21:9
Native Resolution	WQHD 3440 x 1440 at 175 Hz
Pixel Pitch	0.2315 mm
Brightness	1000 cd/m²
Contrast Ratio	1000000:1
HDR Capable	DisplayHDR 400 True Black
Response Time	0.1 ms (grey-to-grey)
Gaming	Yes
Colour Support	1.07 billion colours
Colour Gamut	148.8% sRGB (CIE 1931), 99.3% DCI-P3 (CIE 1976), 97.8% Adobe RGB (CIE 1976), 121.3% NTSC (CIE 1967)
Input Connectors	2xHDMI, DisplayPort, USB-C
Display Position Adjustments	Height, swivel, tilt
Screen Coating	Anti-reflective, 2H Hard Coating
Voltage	AC 100-240 V (50/60 Hz)
Colour	White
Dimensions (WxDxH) - with stand (highest position)	81.3 cm x 29.5 cm x 55.3 cm
Weight	8.7 kg
Compliant Standards	DDC/CI, Plug and Play, RoHS, Mercury-free, PVC-free, BFR-free, CB, FCC Class B certified, ICES-003, CU-EAC, EAEU RoHS, TUV/ISO 9241-307, TUV Bauart, cETLus, HDCP 1.4, HDCP 2.2, HDCP 2.3
Manufacturer Warranty	3-year warranty

Extended Specification

General

Display Type	OLED monitor / Quantum Dot OLED
Energy Class	Class G
Energy Class (HDR)	Class G
Diagonal Size	34"
Curved Screen	Yes (1800R)
Adaptive-Sync Technology	AMD Adaptive-Sync
Built-in Devices	KVM Switch
USB Power Delivery	90 Watt
Aspect Ratio	21:9
Native Resolution	WQHD 3440 x 1440 at 175 Hz
Pixel Pitch	0.2315 mm
Pixel Per Inch	109.68
Brightness	1000 cd/m²
Contrast Ratio	1000000:1
HDR Certification	DisplayHDR 400 True Black
Colour Support	1.07 billion colours
Colour Gamut	148.8% sRGB (CIE 1931), 99.3% DCI-P3 (CIE 1976), 97.8% Adobe RGB (CIE 1976), 121.3% NTSC (CIE 1967)
Response Time	0.1 ms (grey-to-grey)
Vertical Refresh Rate	48 - 175 Hz
Horizontal Refresh Rate	30 - 255 kHz
Gaming	Yes
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Screen Coating	Anti-reflective, 2H Hard Coating
OSD Languages	Brazilian Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Chinese (simplified), Swedish, Turkish, Chinese (traditional), Ukrainian
Features	Low Input Lag, RGB Q-Stripe, Mega Infinity Dynamic Contrast Ratio, LowBlue Mode, EasyRead, Delta E<2 calibration, sRGB Color Space, 4-sided Ambiglow, 10-bit Colour Depth, SmartImage Game, Picture-in-Picture, picture by picture, MultiView, DTS Sound, Ultra Wide-Color Technology, FPS Mode, Racing Mode, RTS Mode, Flicker Free technology, HDR mode visual enhancement, Smart Frame
Colour	White
Dimensions (WxDxH)	81.3 cm x 29.5 cm x 55.3 cm - with stand (highest position)
Weight	8.7 kg

Manufacturer Warranty

Service & Support	Limited warranty - 3 years
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Miscellaneous

Features	Security lock slot (cable lock sold separately)
Included Accessories	VESA bracket
Cables Included	1 x DisplayPort cable 1 x HDMI cable 1 x USB upstream cable 1 x USB-C to USB-C cable
MTBF	30,000 hour(s)
Compliant Standards	DDC/CI, Plug and Play, RoHS, Mercury-free, PVC-free, BFR-free, CB, FCC Class B certified, ICES-003, CU-EAC, EAEU RoHS, TUV/ISO 9241-307, TUV Bauart, cETLus, HDCP 1.4, HDCP 2.2, HDCP 2.3
Security Slot Type	Kensington security slot

Power

Input Voltage	AC 100-240 V (50/60 Hz)
Power Consumption (On mode)	98.1 W
Power Consumption SDR (On mode)	55 kWh/1000h
Power Consumption HDR (On mode)	75 kWh/1000h
Power Consumption Stand by	0.5 Watt
Power Consumption (Off Mode)	0.3 Watt

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	20 - 80%

Audio

Type	Speakers - stereo
Output Power / Channel	5 Watt

Connectivity

Interfaces	2 x HDMI (HDCP 2.3) DisplayPort 1.4 (HDCP 2.3) USB-C (HDCP 2.3, DisplayPort Alt Mode, data, power up to 90W) USB-B 3.2 Gen 1 upstream (Type B) 3 x USB 3.2 Gen 1 downstream USB 3.2 Gen 1 downstream with Battery Charging 1.2 (fast charging) Audio line-out (mini-jack)
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Dimensions & Weight

Dimensions & Weight Details	With stand (highest position) - width: 81.3 cm - depth: 29.5 cm - height: 55.3 cm - weight: 8.7 kg Without stand - width: 81.3 cm - depth: 13.5 cm - height: 36.7 cm - weight: 6.8 kg
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Dimensions & Weight (Shipping)

Shipping Width	93 cm
Shipping Depth	28.2 cm
Shipping Height	52.5 cm
Shipping Weight	12.49 kg

Mechanical

Display Position Adjustments	Height, swivel, tilt
Tilt Angle	-5/+20
Swivel Angle	40
Height Adjustment	150 mm
VESA Mounting Interface	100 x 100 mm

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