Philips Evnia Gaming Monitor
OLED gaming monitor

Evnia 8000
42 (41.54" / 105.5 cm diag.)
3840 x 2160 (4K UHD)

42M2N8900

Gaming beyond innovation

Be prepared to get stunned by the precise color reproduction of Evnia OLED gaming monitor. The innovative Ambiglow redefines what gaming environment usually is, levelling up not only your game gear, but also your gaming experience.

Built for fast action
• Low input lag reduces time delay between devices to monitor
• SmartImage game mode optimized for gamers

Immersive visuals
• OLED display for lifelike visuals with deeper black details
• Ultra Wide-Color wider range of colors for a vivid picture
• True 10-bit display reproduces smoother gradients on visuals
• UltraClear 4K UHD (3840x2160) resolution for precision

Features designed for gamers needs
• LowBlue mode and Flicker-free easy-on-the eyes viewing
• Enhanced audio with DTS Sound™
• Access and display multiple sources on two devices
• Ambiglow intensifies entertainment with halo of light
• Tilt, swivel and height-adjust for an ideal viewing position
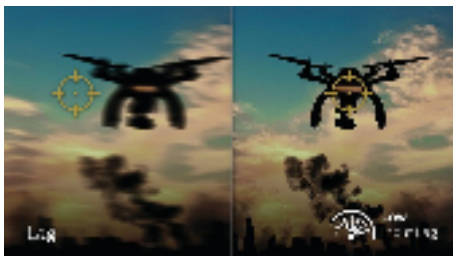• Connect your notebook with one USB-C cable

EVNIA | **PHILIPS**

Highlights

Philips OLED display

This Philips OLED display delivers a wider viewing angle and a uniquely lifelike visuals. Deeper black for stunning viewing experience. Details in shadows and highlights are precisely reproduced.

Low input lag

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.
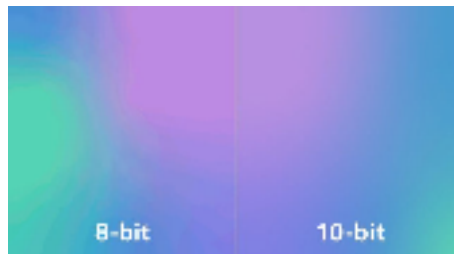
UltraClear 4K UHD resolution

These Philips displays utilize high performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are demanding professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or a financial wizard working on huge spreadsheets, Philips displays will make your images and graphics come alive.

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.

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.

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.

MultiView and built-in KVM

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 technology

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 analyses 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.

Specifications

Picture/Display
- Monitor Panel Type: OLED
- Panel Size: 41.54 inch / 105.5 cm
- Display Screen Coating: Anti-Glare, Low-reflection 2%, Haze 25%
- Effective viewing area: 919.68 (H) x 517.32 (V)
- Pixel format: RWBG Strip arrangement
- Aspect ratio: 16:9
- Maximum resolution: 3840 x 2160 @ 138 Hz* (overclock)
- Pixel Density: 106.06 PPI
- Response time (typical): 0.1 ms (Gray to Gray)*
- Low Input Lag
- Brightness: Peak: 450 nit, Normal: 135 nit
- SmartContrast: Mega Infinity DCR
- Contrast ratio (typical): 1,500,000:1
- Pixel pitch: 0.2395 x 0.2395 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10000
- Flicker-free
- HDR: HDR 10 supported
- Color gamut (min.): DCI-P3: 98.5%*
- Color gamut (typical): NTSC 110.3%*, sRGB 131.3%*, Adobe RGB 93.6%*
- Picture enhancement: SmartImage game
- Display colors: Color support 1.07 billion colors (10 bit)
- Scanning Frequency: 30 - 255 kHz (H) / 48 - 138 Hz (V)
- LowBlue Mode
- EasyRead
- Delta E: < 2 (sRGB)
- sRGB
- Adaptive sync
- Ambiglow: 3-sided

Connectivity
- Signal Input: HDMI 2.1 x 2, DisplayPort 1.4 x 1, USB-C x 1 (DP Alt mode, Power Delivery)
- 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)
- Audio (In/Out): Audio out
- Sync Input: Separate Sync

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

Convenience
- Built-in Speakers: 10 W x 2, DTS
- MultiView: PIP/PBP mode, 2x devices
- KVM
- User convenience: Power On/Off, Menu/OK, Input/Up, Game Settings/Down, SmartImage game/Back

OSD Languages
- 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)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8

Stand
- Height adjustment: 120 mm
- Swivel: -/+ 20 degree
- Tilt: -5/15 degree

Power
- On mode: 69.6 W (typ.)
- Standby mode: 0.5 W (typ.)
- Off mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Internal, 100-240VAC, 50-60Hz

Dimensions
- Product with stand(max height): 932 x 689 x 359 mm
- Product without stand (mm): 932 x 535 x 79 mm
- Packaging in mm (WxHxD): 1070 x 635 x 188 mm

Weight
- Product with stand (kg): 17.30 kg
- Product without stand (kg): 13.84 kg
- Product with packaging (kg): 21.01 kg

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

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

Cabinet
- Color: White
- Finish: Textured

What's in the box?
- Accessory: Remote control, VESA bracket

* 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.
* Response time value equal to SmartResponse
* 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 monitor may look different from feature images.