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.

Features designed for gamers needs

- Ambiglow intensifies entertainment with halo of light
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- Access and display multiple sources on two devices
- Connect your notebook with one USB-C cable
- Enhanced audio with DTS Sound™

Built for fast action

- AMD FreeSync™ Premium; tear free, stutter free, fluid gaming
- Low input lag reduces time delay between devices to monitor
- SmartImage game mode optimized for gamers
- VESA ClearMR 8000: for trusted, high-quality imagery

Immersive visuals

- OLED display for lifelike visuals with deeper black details
- Ultra Wide-Color wider range of colors for a vivid picture
- UltraClear 4K UHD (3840x2160) resolution for precision

EVNIA | PHILIPS

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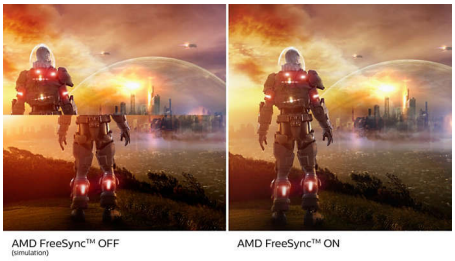
Highlights

Philips OLED display

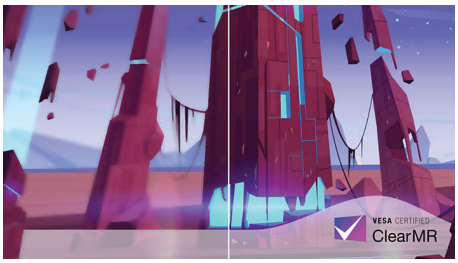
This Philips OLED display delivers a wider viewing angle and a uniquely lifelike visuals. Deeper black for stunning viewing experience. Details in shadows and highlights are precisely reproduced.

AMD FreeSync™ Premium



Gaming shouldn't be a choice between choppy gameplay or broken frames. AMD FreeSync™ Premium equips serious gamers with a fluid, tear-free gameplay experience at peak performance. There are no compromises, game confidently with a high refresh rate, low framerate compensation, and low latency.

VESA ClearMR 8000



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 8000. With this monitor being ClearMR 8000 classified, it has one of the highest classifications of image quality, meaning less overall blur.

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.

OLED | AMD FreeSync Premium | VESA CERTIFIED ClearMR 8000 | dts Sound | MultiClient Integrated KVM | ambiglow | Ultra Wide Color | CompactErgo Base | Flicker-free

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Specifications

Connectivity
- Signal Input: HDMI 2.1 x 2, DisplayPort 1.4 x 1, USB-C x 1 (DP Alt mode, 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 version 3.2 Gen1 / 5Gbps, USB-B upstream x 1, USB-A downstream x 4 (with 2 for fast charge B.C 1.2)

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

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: 10 W x 2, DTS
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8
- 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)
- MultiView: PIP/PBP mode, 2x devices
- KVM

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

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

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

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

* 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
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* The monitor may look different from feature images.

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