PHILIPS

EVNIA

Gaming beyond innovation

Elevate your gaming experience with this monitor's incredible contrast-producing QD OLED display, 32:9 Curved SuperWide screen and exclusive Ambiglow feature so you can set the mood of the room for each game.

Features designed for gamers' needs
- AI-enhanced Ambiglow: for intensified entertainment
- Evnia Precision Centre: Maximise Your Gaming Experience
- Dynamic Lighting: Synchronise lighting on all devices.
- DTS Sound™ with 30 W output: for enhanced audio

Built for fast action
- AMD FreeSync™ Premium Pro; smooth, low latency HDR gaming
- Ultra-fast 240 Hz refresh rate for virtually lag-free gaming
- Certified NVIDIA® G-SYNC® compatible for smooth, fast gaming
- SmartImage game mode optimised for gamers
- VESA Certified ClearMR: for accurate blur testing

Immersive visuals
- Curved display design for a more immersive experience
- DisplayHDR™ True Black 400 delivers incredible shadow details
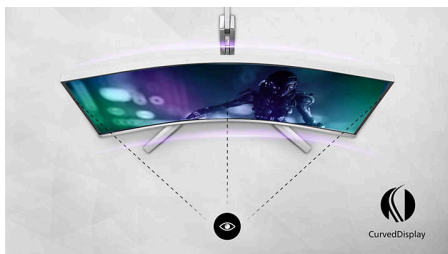- True 10-bit display reproduces smoother gradients on visuals
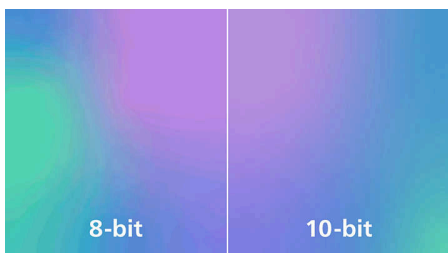
Highlights

QD OLED technology

QD-OLED represents a hybrid approach that marries 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 a higher peak brightness and more vibrant colours.

Curved display design

Desktop monitors offer a personal user experience, which suits a curved design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the centre of your desk.
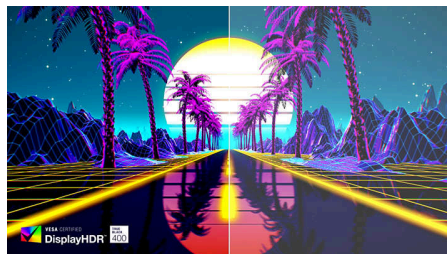
True 10-bit colour depth

With this Philips true 10-bit colour display, you can see colour-critical professional work of exceptional colour accuracy that meets professional standards. Compared with conventional 8-bit colour displays, this Philips monitor produces a more natural transition between hues for smoother gradients.
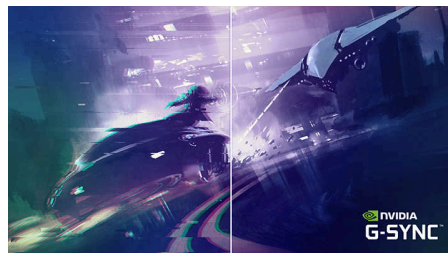
DisplayHDR™ True Black 400

This Philips monitor is certified with VESA DisplayHDR™ True Black 400, delivering stunningly accurate shadow details 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.
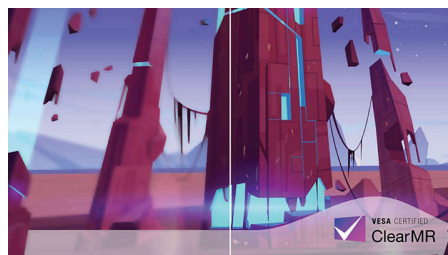
Ultra-fast 240 Hz refresh rate

While playing the most intense, engaging and action-oriented games, the ultra-fast 240 Hz refresh rate creates an ultra-smooth, lag-free gaming experience. This Philips display redraws the screen image up to 240 times per second, effectively faster than a standard display. 240 Hz give superior motion and clarity to the visuals, especially for fast-paced games like FPS and racing games. With the Philips 240 Hz display, action sequences in gameplay look judder-free and ghost-free. You will experience deeper immersion and feel alive in the game.

NVIDIA® G-SYNC® compatible

When playing intense games with high refresh rates, screen tearing may appear without optimal graphics synchronisation. This Philips display is certified as NVIDIA® G-SYNC® compatible, reducing screen tearing and syncing your monitor's refresh rate with your graphic card's output for a smoother gaming experience. Scenes appear instantly, objects look sharper, and gameplay is smooth, giving you a stunning visual experience and a serious competitive edge.

VESA ClearMR 13000

Previously, methods to test blur on screen were measured through MRPT. VESA Certified ClearMR acts as an alternative to MRPT and is designed to reflect the true nature of blur through digital high-speed camera testing. 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 this monitor being ClearMR 13000 classified, it has one of the highest classifications of image quality, meaning less overall blur.
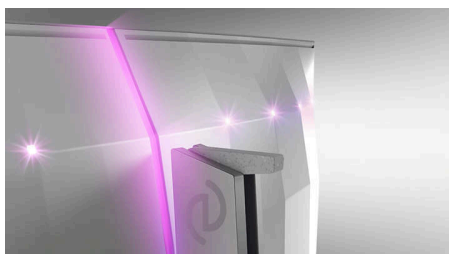
Highlights

DTS Sound™ with 30 W output

Your elevated sound experience has arrived. This monitor is equipped with four 7.5 watt speakers, ultimately adding up to a 30 W output sound system. In addition to the extra wattage, the DTS Sound speakers provide a warm, detailed and enhanced audio experience that will ultimately make your gaming experience more immersive.
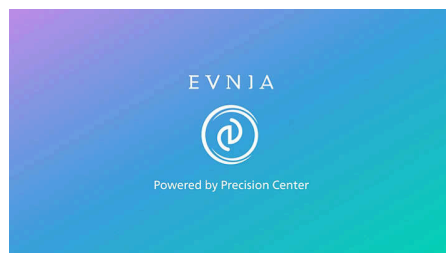
AI-enhanced Ambiglow

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 made to make your gaming experience the best it's ever been by combining intelligence, colour and light.

SmartImage Game mode

The new 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 the display with the fastest response time and high colour, along with image adjustments. "RTS" mode (Real-time strategy) has a special SmartFrame mode that enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customised settings based on different games, ensuring best performance.

Evnia Precision Centre

Evnia Precision Centre is an 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
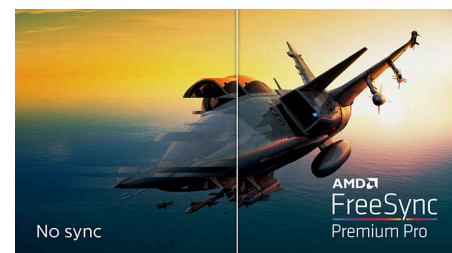
Precision Centre gives you full control, providing everything you need to elevate your gaming to the next level — right at your fingertips.

Dynamic Lighting

This feature is a Microsoft certification program that enables users with Windows 11 to synchronise and manage the RGB lighting of all of 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 customisable user experience.

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.

Gaming Monitor

Specifications

Picture/Display

Panel Size: 48.9 inch / 124.3 cm
Aspect ratio: 32:9
Monitor Panel Type: QD OLED
Pixel pitch: 0.233 x 0.233 mm
Brightness: SDR: 250 (APL 100%) nit, HDR: 450 (APL 10%) nit, HDR E/P: 1000 (APL 3%) nit
Display colours: Colour support 1.07 billion colours (10-bit)
Colour gamut (typical): NTSC 127.4%*, sRGB 153.1%*, Adobe RGB 125.2%*
Colour gamut (min.): DCI-P3: 99%*
Contrast ratio (typical): 1,500,000:1
SmartContrast: Mega Infinity DCR
Response time (typical): 0.03 ms (Grey to Grey)*
Viewing angle: 178º (H)/178º (V), @ C/R > 10
Picture enhancement: SmartImage game
Maximum resolution: 5120 x 1440 @ 240 Hz
Effective viewing area: 1196.7 (H) x 339.2 (V) - at a 1800R curvature*
Scanning Frequency: 30 - 388 kHz (H) / 48 - 240 Hz (V)
sRGB
Delta E: < 2 (sRGB)
Flicker-free
Pixel Density: 108.77 PPI
LowBlue Mode
Display Screen Coating: Anti-reflection, 2H
Low Input Lag
EasyRead
AMD FreeSync™ technology: Premium Pro
G-SYNC
HDR: DisplayHDR True Black 400 certified

Ambiglow: 3 sided
Pixel format: RGB Q-Stripe*
Windows Dynamic Lighting

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 / 5 Gbps, USB-B upstream x 1, USB-A downstream x 4 (with 2 for fast charge B.C 1.2)

Power Delivery

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

Convenience

Built-in Speakers: 7.5 W x 4, DTS
Plug and 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 (100 x 100 mm)
MultiView: PIP/PBP mode, 2 x devices
KVM
Low blue light: Low blue light compliance*

Sound

Output Power: 30 W, 2.2 Channel
Sound Enhancement: DTS Sound
Speaker Configuration: 7.5 W x 2 tweeters, 7.5 W x 2 woofers with flow port

Stand

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

Power

Power supply: Internal, 100–240 VAC, 50–60 Hz
Off mode: 0.3 W (typ.)
On mode: 163.35 W (typ.)
Standby mode: 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode - White (flashing)
Energy Label Class: G

Dimensions

Packaging in mm (W x H x D):
1290 x 300 x 475 mm
Product without stand (mm):
1195 x 369 x 181 mm
Product with stand (max height):
1195 x 544 x 359 mm

Specifications

Weight

Product with packaging (kg): 19.41 kg
Product with stand (kg): 13.96 kg
Product without stand (kg): 10.82 kg

Operating conditions

Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
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

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
Monitor with stand
User Documentation
Accessory: Remote control, VESA bracket

* Radius of the arc of the display curvature in mm
* Active pixels: 5120 (H) x 1440 (V). Number of total pixels: 5136 (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.
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* Make sure to update NVIDIA® G-SYNC® driver to the latest version, see more information on NVIDIA website: https://www.nvidia.com/
* G-Sync compatible only supports VRR (Variable Refresh Rate) from 50 Hz - 240 Hz.
* NVIDIA® G-SYNC® support interface: DisplayPort
* Make sure that your graphic card supports NVIDIA® G-SYNC®
* DCI-P3 Coverage based on CIE1976
* NTSC Area based on CIE 1976
* sRGB Area based on CIE1931
* Adobe RGB Area based on CIE1976
* 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%.
* 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.
* 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.
* The products and accessories listed on this leaflet may differ by country and region.