



Philips Evnia Gaming
Monitor
4K UHD gaming monitor

Evnia 6000

32 (31.5" / 80 cm diag.)
3840 x 2160 (4K UHD)



32M2N6800M

Your gaming experience to the utmost

This monitor transforms your gaming experience with showstopping visuals. With its DisplayHDR 1000 certification and 144Hz refresh rate, imagery is crisp and vibrant and is designed for any type of gameplay.

Immersive visuals

- IPS LED wide view technology for image and color accuracy
- UltraClear 4K UHD (3840x2160) resolution for precision
- DisplayHDR 1000 for truly vivid details and realism
- Mini LED with local dimming 1152 zones

Built for fast action

- 144Hz refresh rates for ultra-smooth, brilliant images
- 1ms (MPRT) fast response for crisp image and smooth gameplay
- Low input lag reduces time delay between devices to monitor

Features designed for gamers needs

- Ambiglow intensifies entertainment with halo of light
- Stark ShadowBoost: for enhancing visibility in dark scenes
- SmartImage game mode optimized for gamers
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- Smart Crosshair: for better aim and more fun



reddot winner 2023

EVNIA

PHILIPS

Highlights

IPS technology



IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

VESA DisplayHDR 1000



VESA-certified DisplayHDR 1000 delivers a dramatically different visual experience vs. other 'HDR compatible' screens. Extreme deep blacks and bright whites contrast with brilliant colors, to bring out details that you've never experienced before. Gamers can spot enemies hiding in the dark corners and shadows easily, and movie viewers can enjoy a more compelling and lifelike show. This Philips Momentum comes with several HDR modes, each optimized for your usage scenarios: HDR Game, HDR Movie, and HDR Photo.

UltraClear 4K UHD resolution



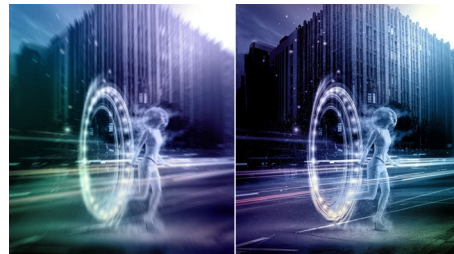
These Philips displays utilize high performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are demanding professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or a financial wizard working on huge spreadsheets, Philips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

Mini LED backlight



Mini LED backlighting improves control of lighting and contrast ratio. The small size of the mini LEDs forming the backlight allows for the creation of 1152 individually controlled zones delivering deeper blacks and brighter whites. Rich HDR content can now be viewed as it was intended with unmatched contrast and precise reproduction.

1ms MPRT fast response



MPRT (motion picture response time) is more intuitive way to describe the response time,

which directly refers the duration from seeing blurry noise to clean and crisp images. Philips gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur, delivers sharper and precise visuals to enhance gaming experience. Best choice for playing thrilling and twitch-sensitive games.

Smart Crosshair



Color of Crosshair is set by default. When Smart Crosshair is on, the color will change as complementary color to the background color. Smart Crosshair enhances the accuracy of aiming so you can spot the enemies more easily.

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.



Specifications

Picture/Display

- LCD panel type: IPS technology
- Backlight type: Mini LED with local dimming 1152 zones
- Panel Size: 31.5 inch / 80 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 698.112 (H) x 392.688 (V)
- Aspect ratio: 16:9
- Maximum resolution: HDMI: 3840 x2160 @ 114 Hz; DP: 3840 x 2160 @ 114 Hz
- Pixel Density: 140 PPI
- Response time (typical): 1 ms (Gray to Gray)*
- Brightness uniformity: Peak:1250 nits (HDR on), Normal: 700 nits
- Low Input Lag
- SmartContrast: Mega Infinity DCR
- Contrast ratio (typical): 1000:1
- Pixel pitch: 0.1818 x 0.1818mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- HDR: HDR 1000
- Color gamut (typical): DCI-P 3:99.5%, NTSC 129%*, sRGB 166%*
- Picture enhancement: SmartImage game
- Display colors: 1.07 Billion (8 bits + FRC)
- Scanning Frequency: 30KHz- 255KHz (H) / 48 - 144 Hz (V)
- SmartUniformity: 93 ~ 105%
- Delta E: < 2 (sRGB)
- LowBlue Mode
- EasyRead
- sRGB
- Adaptive sync
- Smart Crosshair
- Stark ShadowBoost

Connectivity

- Signal Input: HDMI 2.1 x 2, DisplayPort 1.4 x 1
- HDCP: HDCP 1.4 (HDMI / DisplayPort), HDCP 2.2 (HDMI / DisplayPort)
- USB Hub: USB-B upstream x 1, USB-A downstream x 3 (1 for fast charge)
- Audio (In/Out): Audio out
- Sync Input: Separate Sync

Convenience

- 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)
- Plug & Play Compatibility: DDC/CI, Mac OS X,

sRGB, Windows 11 / 10 / 8.1 / 8

Stand

- Height adjustment: 130 mm
- Swivel: -/+ 30 degree
- Tilt: -5/20 degree

Power

- On mode: 50.86 W (typ.)
- Standby mode: 0.5 W (typ.)
- Off mode: 0.3 W (typ.)
- Energy Label Class: G
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Internal, 100-240VAC, 50-60Hz

Dimensions

- Product with stand(max height): 715 x 472 x 294 mm
- Product without stand (mm): 715 x 426 x 67 mm
- Packaging in mm (WxHxD): 930 x 526 x 226 mm

Weight

- Product with stand (kg): 9.3 kg
- Product without stand (kg): 7.4 kg
- Product with packaging (kg): 12.17 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: 50,000 (Excluded backlight) 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, TUV/ISO9241-307, TUV-BAUART, CCC, CECP, CEL

Cabinet

- Color: Dark Slate
- Finish: Textured

What's in the box?

- Monitor with stand
- Cables: HDMI cable, DisplayPort cable, USB-C to USB-C cable, Power cable*
- User Documentation

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* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.

* The maximum resolution works for DP input only.

* 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

* NTSC Area based on CIE1976

* sRGB Area based on CIE1931

* The monitor may look different from feature images.

* The products and accessories listed on this leaflet may differ by country and region.