

# PHILIPS

## EVNIA



Quad HD gaming  
monitor

Fast IPS Gaming monitor

Evnia 5000

27" (68.5cm)

2560 x 1440 (Quad HD)



27M4P5501X

## A window to your full potential

This 27-inch Fast IPS monitor delivers Quad HD visuals. An overclockable 425Hz refresh rate keeps gameplay fluid, while circular polarization keeps you comfortable for long sessions and built-in backlighting creates a striking aesthetic.

### Features designed for gamers needs

- Circular Polarization Technology: for better eye health
- Evnia Precision Center: Maximize Your Gaming Experience
- MultiView: for simultaneous dual connection and viewing
- Iconglow: the Evnia signature on your monitor
- Enhanced game modes: Game modes that fit your playstyle
- HDR Tone Mapping: Optimize HDR for Games & Movies
- LowBlue mode and Flicker-free easy-on-the eyes viewing

### Built for fast action

- 425Hz refresh rate: For ultra-fast and ultra-clear gaming
- 0.3 ms ultra-fast speed for crisp image and smooth gameplay
- Certified NVIDIA® G-SYNC® compatible for smooth fast gaming

### Immersive visuals

- SmartContrast for rich black details
- Crystalclear images with Quad HD 2560 x 1440 pixels

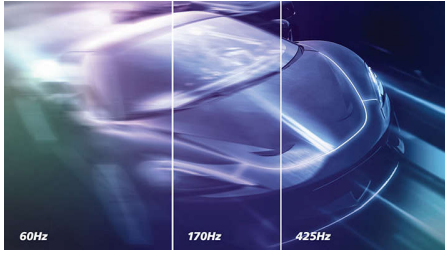
# Fast IPS Gaming monitor

Quad HD gaming monitor

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## Highlights

### Overclockable 425Hz refresh rate



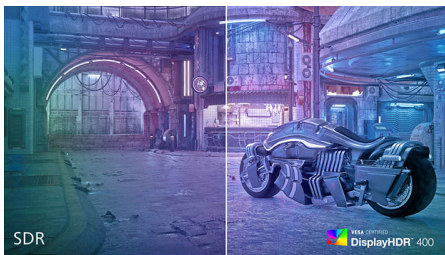
Be prepared to game at up to an overclockable 425Hz, delivering an accompanying picture definition that leaves a true WOW factor. Reach goals and hit targets faster and, not to mention, with show-stopping clarity: Games will appear clean and crisp while you speed through levels and race through scenes.

### 0.3 ms Smart MBR fast response



Philips display with 0.3 ms Smart MBR effectively eliminates smearing and motion blur, delivers sharper and precise visuals to enhance gaming experience. Fast-moving action and dramatic transitions will be rendered smoothly. Best choice for playing thrilling and twitch-sensitive games.

### DisplayHDR 400



VESA-certified DisplayHDR 400 delivers a significant step-up from normal SDR displays. Unlike other 'HDR compatible' screens, true DisplayHDR 400 produces astonishing brightness, contrast and colors. With global dimming and

minimum 400 nits brightness, images come to life with notable highlights while featuring deeper, more nuanced blacks. It renders a fuller palette of rich new colors, delivering a visual experience that engages your senses.

### Crystalclear images



These Philips screens deliver Crystalclear, Quad HD 2560x1440 pixel images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystalclear images.

### SmartContrast



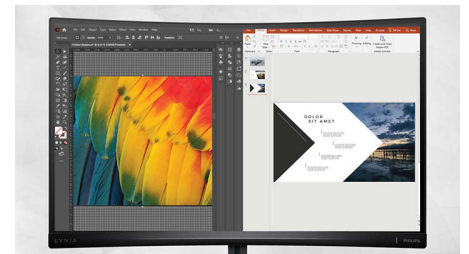
SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

### 1.07 billion colors



This display delivers outstanding color depth with 1.07 billion colors, and the finest gradation, for re-creating smooth, precise, and vivid image. Enjoy accurate and true-to-life visuals whether gaming, watching videos, or working on color critical work with graphics applications.

### MultiView



Philips MultiView enables you to connect and display two devices simultaneously on a single monitor. View content from multiple sources, like a desktop PC and laptop side by side, and seamlessly swap their positions whenever you need. Easily simplify multi-tasking and work more efficiently without needing multiple displays.

### 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.



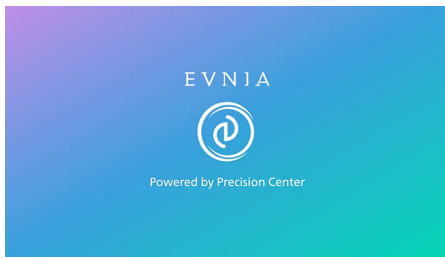
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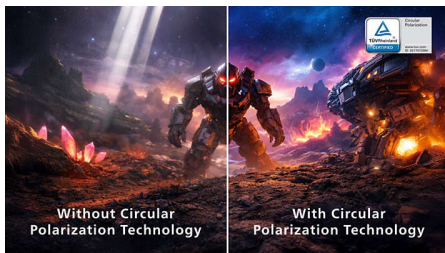
## Highlights

### Evnia Precision Center



Evnia Precision Center is an easy-to-use software designed to optimize and personalize your Evnia monitor. Whether you're a casual or competitive gamer, it offers a wide range of customization options to match your unique gaming style. With intuitive controls and seamless navigation, Evnia Precision Center gives you full control, providing everything you need to elevate your gaming to the next level—right at your fingertips.

### Circular Polarization Technology (TÜV certified)



Circular Polarization uses natural light simulation to filter harmful blue light more effectively, reducing eye strain and fatigue. This technology is TÜV Rheinland Certified®—so you can be certain that performance is not compromised by your eye safety. Unlike traditional screens, it activates more of the eye's natural defenses, offering a smoother, healthier viewing experience. For gamers, this means longer, more

immersive play with less discomfort, with faster focus recovery, and reduced eye fatigue—ideal for intense sessions and peak performance.

### Iconglow



Give your monitor that distinctive Evnia identity. Iconglow brings the Evnia icon to life with dedicated rear ARGB lighting, enabling dynamic and customizable light effects. This eye-catching glow adds depth and personality to your setup while enhancing your overall gaming atmosphere.

### SmartImage HDR Tone Mapping



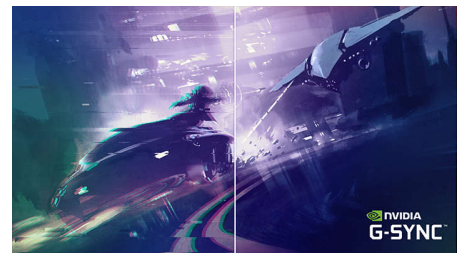
In addition to the standard HDR1000 mode, the monitor offers three expertly tuned HDR tone mapping options, giving you the freedom to choose the perfect setting for gaming or movies. For console gamers, the monitor supports HGiG, a cutting-edge standard designed for the best HDR gaming experience. Get ready for the most immersive HDR experience yet!

### Enhanced game modes



Choose from a number of game modes to enhance your playstyle. Easily accessible via the OSD menu, each mode is designed to improve a specific aspect of your game. Whether it's revealing darker areas with ShadowBoost, reducing motion blur with SmartMBR, keeping your crosshair clearly visible with Smart Crosshair, or one of the many other game modes—each mode gives you better visibility, precision, or control exactly when you need it.

### NVIDIA® G-SYNC® compatible



When playing intense games with high refresh rates, screen tearing may appear without optimal graphics synchronization. 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.

## Specifications

### Picture/Display

**Panel Size:** 27"/68.5cm  
**Aspect ratio:** 16:9  
**LCD panel type:** Fast IPS  
**Backlight type:** W-LED system  
**Pixel pitch:** 0.2331(H) x 0.2331 (V) mm  
**Brightness:** 400 nit  
**Display colors:** 1.07B (8bits+FRC)  
**Color gamut (typical):** Adobe RGB 94%; DCI-P3: 98%, sRGB: 134%, NTSC 112%\*  
**Contrast ratio (typical):** 2000:1  
**SmartContrast:** Infinity  
**Response time (typical):** 1 ms (Gray to Gray)\*  
**Viewing angle:** 178° (H) / 178° (V), @ C/R > 10  
**Picture enhancement:** SmartImage game  
**Maximum resolution:** 2560x1440 @ 425 (by overclock, DP/HDMI)  
**Effective viewing area:** 596.736(H)x335.664(V)mm  
**Scanning Frequency:** 30~510kHz(H)/ 48-400Hz(V), 30~510kHz(H)/ 48-425Hz(V) (by overclock, HDMI/DP)  
**sRGB**  
**Delta E:** < 2 (sRGB)  
**Flicker-free**  
**LowBlue Mode**  
**Display Screen Coating:** Anti-Glare, 3H, Haze 25%  
**SmartUniformity:** 93~105%  
**Low Input Lag**  
**AMD FreeSync™ technology**  
**G-SYNC**  
**HDR:** HDR 400  
**Smart Crosshair**  
**Shadow Boost**  
**Smart MBR:** 0.3ms  
**Brightness:** nits  
**Smart MBR Sync**  
**Smart MBR:** 0.3ms\*

### Connectivity

**Signal Input:** HDMI 2.1 x 2, DisplayPort 1.4 x 1  
**Sync Input:** Separate Sync  
**Audio (In/Out):** Headphone out  
**HDCP:** HDCP 1.4 (HDMI / DisplayPort), HDCP 2.3 (HDMI / DisplayPort)

### Convenience

**Plug & Play Compatibility:** DDC/CI, Mac OS X, sRGB, Windows 11 / 10  
**User convenience:** Power On/Off, Menu/OK,

Input/Up, Game Mode/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), FreeSync Premium, G-Sync compatible, LowBlue Mode  
**Control software:** Evnia Precision Center  
**MultiView**  
**Low blue light:** Yes\*

### Stand

**Height adjustment:** 130 mm  
**Pivot:** -/+ 90 degree  
**Swivel:** -/+ 35 degree  
**Tilt:** -5/20 degree

### Power

**Power supply:** Internal, 100-240VAC, 50-60Hz  
**Off mode:** 0.3 W (typ.)  
**On mode:** 83.5 W (typ.)  
**Standby mode:** 0.5 W (typ.)  
**Power LED indicator:** Operation - White, Standby mode - White (blinking)

### Dimensions

**Packaging in mm (WxHxD):** 730 x 455 x 139 mm  
**Product without stand (mm):** 368(H) x 614(W) x 86(D) mm  
**Product with stand(max height):** 518(H) x 614(W) x 213(D) mm

### Weight

**Product with packaging (kg):** 9.165 kg  
**Product with stand (kg):** 6.44 kg  
**Product without stand (kg):** 4.78 kg

### Operating conditions

**Altitude:** Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)  
**Temperature range (operation):** 0°C to 40 °C  
**MTBF:** 50,000 hrs (Excluding backlight) hour(s)  
**Relative humidity:** 20%-80 %  
**Temperature range (storage):** -20°C to 60 °C

### Sustainability

**Environmental and energy:** RoHS  
**Recyclable packaging material:** 100 %  
**Post consumer recycled plastics:** 90%

### Compliance and standards

**Regulatory Approvals:** CB, CE Mark, CEL, CCC, CECP, UKCA, EMF, FCC, ICES-003

### Cabinet

**Color:** White  
**Finish:** Textured

### What's in the box?

**Monitor with stand:** Yes\*  
**User Documentation:** Yes\*



\* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.  
\* 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  
\* Adobe RGB and DCI-P3 Coverage based on CIE1976, sRGB Area based on CIE1931, NTSC Area based on CIE1976.  
\* The ratio of display emission light in the range from 415-455 nm to the display emission of 400-500nm shall be less than 50%  
\* The products and accessories listed on this leaflet may differ by country and region.  
\* The monitor may look different from feature images.  
\* 90% recycled of the chassis  
\* NVIDIA® G-SYNC® support interface: DisplayPort.  
\* Make sure to update NVIDIA® G-SYNC® driver to the latest version, see more information on NVIDIA website: <https://www.nvidia.com/>  
\* Make sure your graphic card supports NVIDIA® G-SYNC®.