

PHILIPS

EVNIA

Quad HD gaming
monitor

Fast IPS Gaming monitor

Evnia 5000

27" (68.5 cm)

2560 x 1440 (QHD)

27M2N5501UK



Your gaming experience to the utmost

This 27" Fast IPS monitor offers sharp visuals with a 320Hz refresh rate and 0.3ms Smart MBR. Enjoy smooth gameplay and reduced eye strain with Circular Polarization Technology for a high-quality, comfortable gaming experience.

Features designed for gamers needs

- Stark ShadowBoost: for enhancing visibility in dark scenes
- Circular Polarization Technology: for better eye health
- Evnia Precision Center: Maximize Your Gaming Experience
- Smart MBR: for reducing motion blur.
- Smart Sniper: Improved control when you zoom in on targets
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- Smart Crosshair: for better aim and more fun

Built for fast action

- 320Hz refresh rates for silky-smooth and vivid ima
- 0.3 ms ultra-fast speed for crisp image and smooth gameplay
- Low input lag reduces time delay between devices to monitor

Immersive visuals

- 1.07 billion colors for stunning color and finest gradations

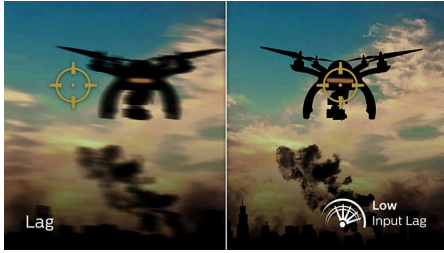
Fast IPS Gaming monitor

Quad HD gaming monitor

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Highlights

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.

0.3 ms Smart MBR fast response



Philips display with 0.3 ms Smart MBR effectively eliminates smearing and motion blur, delivers shaper 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.

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.

320Hz fast refresh



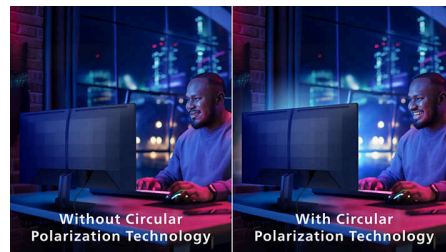
Experience the ultimate edge in intense, competitive gaming with the Philips Evnia monitor. Designed for gamers who demand ultra-smooth, lag-free visuals, this monitor delivers a 320Hz refresh rate—way faster than standard displays. Say goodbye to frustrating frame drops that make enemies jump unpredictably on the screen. With this high-performance display, you'll see every critical movement in ultra-smooth motion, giving you the precision and clarity to stay ahead of the competition and take your shot with confidence.

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.

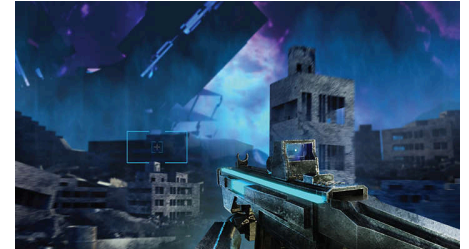
Circular Polarization Technology



Circular Polarization uses natural light simulation to filter harmful blue light more effectively, reducing eye strain and fatigue. 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.

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.

Stark ShadowBoost



This feature enhances dark scenes without overexposing lightened areas. The Stark Shadowboost feature has three selectable levels that offer texturized images with better color saturation with higher contrast so you can see better in both light and dark environments. In addition, this feature helps you fine-tune your sight so that enemies get exposed more quickly when gaming.



Low Input Lag



Fast Response
0.3ms



LowBlue Mode



Circular Polarization
Technology



Flicker-free



HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE

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Highlights

Smart MBR



In an effort to reduce motion blur, this monitor's LED backlight will work simultaneously with the refresh rate to control brightness levels for the best picture clarity. Please note that Smart MBR is a type of gaming mode and it is recommended to turn the function off when not gaming as it may cause screen-flickering.

Smart Sniper



Smart Sniper gives you better control over your scope for precise aiming. It overlays an additional window at either the top or center of your screen, and enables you to select a zoom level up to 2.0x your normal magnification.

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.

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Specifications

Picture/Display

Panel Size: 27 inch / 68.5 cm
Aspect ratio: 16:9
LCD panel type: Fast IPS
Backlight type: W-LED system
Pixel pitch: 0.2331 x 0.2331 mm
Brightness: 350 (HDR Off)nit; 450 (HDR On) nit, 500 (HDR peak) nit
Brightness uniformity: 93-105%
Display colors: 1.07B (8bits+FRC) (8bits @QHD 320Hz; 10bits @QHD 260Hz)
Color gamut (typical): Adobe RGB:93.8%, DCI-P3:94%,sRGB: 129%,NTSC 106%*
Contrast ratio (typical): 1000:1
SmartContrast: Mega Infinity DCR
Response time (typical): 1 ms (Gray to Gray)*
Viewing angle: 178° (H) / 178° (V), @ C/R > 10
Picture enhancement: SmartImage game
Maximum resolution: 2560x1440 @320 Hz (DP/HDMI)
Effective viewing area: 597.736(H) x 335.664(V) mm
Scanning Frequency: 30-480KHz(H)/ 48-320Hz(V)
sRGB
Delta E: <2 (sRGB)
Flicker-free
Pixel Density: 109 PPI
LowBlue Mode
Display Screen Coating: Anti-Glare, 3H, Haze 25%
Low Input Lag
EasyRead
Adaptive sync
HDR: DisplayHDR 400 certified
Smart Sniper
Shadow Boost
Smart MBR: 0.3ms*
Smart MBR Sync
Stark Shadow Boost
Smart Crosshair
SoftBlue technology

Connectivity

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

Convenience

Plug & Play Compatibility: DDC/CI, Mac OS, sRGB, Windows 11 / 10
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), LowBlue Mode
Control software: Evnia Precision Center
MultiView

Stand

Height adjustment: 130 mm
Pivot: -/+ 90 degree
Swivel: -/+ 30 degree
Tilt: -5/20 degree

Power

Power supply: Internal, 100-240VAC, 50/60Hz
Off mode: 0.3 W (typ.)
On mode: 27.32 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): 614 x 368 x 60 mm
Product with stand(max height): 614 x 519 x 261 mm

Weight

Product with packaging (kg): 8.20 kg
Product with stand (kg): 5.47 kg
Product without stand (kg): 4.05 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 (Excluded 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: 85%*

Compliance and standards

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

Cabinet

Color: White
Finish: Texture

Design

Designed in Amsterdam, NL



* "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
* Smart MBR is to adjust brightness for blur reduction, so cannot adjust brightness while Smart MBR is turned on. To reduce motion blur, LED backlight will strobe synchronously with screen refresh, which may cause noticeable brightness change.
* Smart MBR is gaming-optimized mode. Turn on Smart MBR may cause noticeable screen flickering. It is recommended to turn off when you are not using the gaming function
* Adobe RGB and DCI-P3 Coverage based on CIE1976, sRGB Area based on CIE1931, NTSC Area based on CIE1976.
* This monitor strives for sustainability: the stand's feet and headphone holder are made with 35% recycled plastic and monitor's chassis is made up of 85% post-consumer recycled plastic.
* The monitor may look different from feature images.
* The products and accessories listed on this leaflet may differ by country and region.