

PHILIPS

EVNIA



Quad HD gaming
monitor

Gaming monitor

Evnia 3000

27" (68.5 cm)

2560 x 1440 (Quad HD)



27M2N3500NF

Broaden your gaming horizon

This 27 inch IPS Evnia monitor brings sharp visuals to gaming. With its 144 Hz refresh rate and 0.5 ms Smart MBR, you can expect clear visuals and a high-quality all-around gaming experience.

Features designed for gamers' needs

- Stark ShadowBoost: for enhancing visibility in dark scenes
- Evnia Precision Centre: Maximise Your Gaming Experience
- SmartImage game mode optimised for gamers
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- Smart Crosshair: for better aim and more fun

Built for fast action

- 144 Hz refresh rates for ultra-smooth, brilliant images
- 0.5 ms ultra-fast speed for crisp images and smooth gameplay
- Low input lag reduces time delay between devices to monitor

Immersive visuals

- High Dynamic Range (HDR) for more lifelike colourful visuals
- SmartContrast for rich black details
- Crystal clear images with Quad HD 2560 x 1440 pixels

Gaming monitor

Quad HD gaming monitor

27M2N3500NF/00

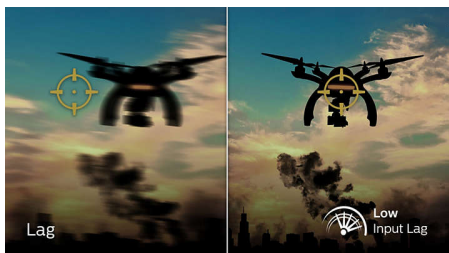
Highlights

144 Hz Gaming



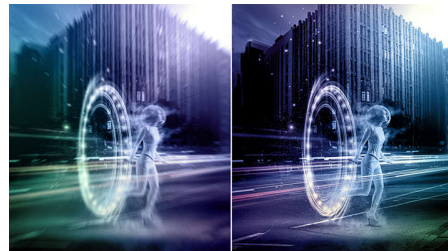
You play intense, competitive games. You demand a display with lag-free, ultra-smooth images. This Philips display redraws the screen image up to 144 times per second, effectively 2.4x faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making them difficult targets to hit. With 144 Hz frame rate, you get those critical missing images on the screen, showing enemy movement in ultra-smooth motion so you can easily target them. With ultra-low input lag and no screen tearing, this Philips display is your perfect gaming partner

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 improving play on twitch-sensitive video games, particularly important for playing fast-paced, competitive games.

0.5 ms Smart MBR fast response



The Philips Evnia with 0.5 ms Smart MBR effectively eliminates smearing and motion blur, and delivers sharper and more precise visuals to enhance your gaming experience. Fast-moving action and dramatic transitions will be rendered smoothly. It's the best choice for playing thrilling and twitch-sensitive games.

CrystalClear images



These Philips screens deliver CrystalClear, Quad HD 2560 x 1440 or 2560 x 1080 pixel images. Utilising high performance panels with a high-density pixel count enabled by high bandwidth sources, these new displays will make your images and graphics come alive. Whether you are a 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 analyses the contents you are displaying, automatically adjusting colours 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.

High Dynamic Range (HDR)



High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating colour, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colours never before seen on a display, giving you a visual experience that engages your senses and inspires emotions.

LowBlue mode and 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.



Gaming monitor

Quad HD gaming monitor

27M2N3500NF/00

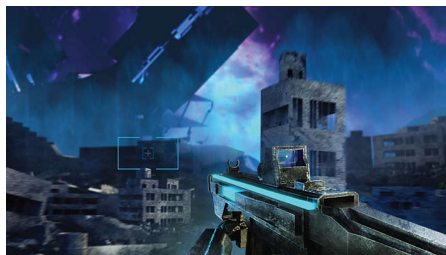
Highlights

SmartImage Game mode



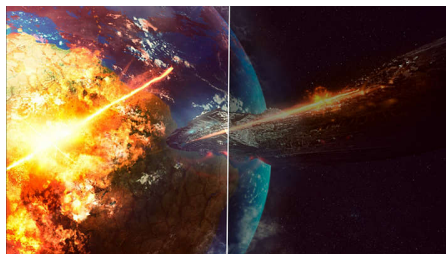
The new Philips gaming display has quick-access OSD fine-tuned for gamers, offering you multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts the display with the fastest response time and high colour, 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.

Smart Crosshair



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

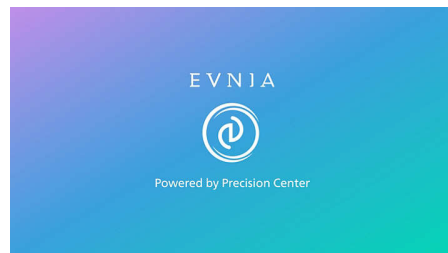
Stark ShadowBoost



This feature enhances dark scenes without overexposing lightened areas. The Stark ShadowBoost feature has three selectable levels

that offer texturised images with better colour saturation and 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.

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.

Gaming monitor

Quad HD gaming monitor

27M2N3500NF/00

Specifications

Picture/Display

Panel Size: 27 inch/68.5 cm
Aspect ratio: 16:9
LCD panel type: IPS technology
Backlight type: W-LED system
Pixel pitch: 0.2331 x 0.2331 mm
Brightness: 300 cd/m²
Display colours: 16.7 M
Colour gamut (typical): Adobe RGB 89%; DCI-P3:92%, sRGB: 114%, NTSC 102%*
Contrast ratio (typical): 1500:1
SmartContrast: Mega Infinity DCR
Viewing angle: 178° (H)/178° (V), @ C/R > 10
Picture enhancement: SmartImage game
Maximum resolution: 2560 x 1440 @ 144 Hz (HDMI/DP, 8 bits)
Effective viewing area: 597.736 (H) x 335.664 (V) mm
Scanning Frequency: 30–230 kHz (H)/48–144 Hz (V)
sRGB
Flicker-free
Pixel Density: 109 PPI
LowBlue Mode
Display Screen Coating: Anti-Glare, 3H, Haze 25%
Low Input Lag
EasyRead
Adaptive sync
HDR: HDR 10 supported
Smart MBR Sync
Smart MBR: 0.5 ms*
Smart Crosshair
Shadow Boost
SoftBlue technology: Yes*

Connectivity

Signal Input: HDMI 2.0 x 1, DisplayPort 1.4 x 1
Sync Input: Separate Sync
Audio (In/Out): Headphone out
HDCP: HDCP 1.4 (HDMI/DP), HDCP 2.2 (HDMI/DP)

Convenience

Plug and 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 (100 x 100 mm), LowBlue Mode
Control software: Evnia Precision Centre

Stand

Tilt: -5/20 degree

Power

Power supply: Internal, 100–240 VAC, 50–60 Hz
Off mode: 0.3 W (typ.)
On mode: 21.8 W (typ.)
Standby mode: 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode - White (flashing)
Energy Label Class: E

Dimensions

Packaging in mm (W x H x D): 780 x 455 x 139 mm
Product without stand (mm): 616 x 362 x 59 mm
Product with stand (max height): 616 x 463 x 216 mm

Weight

Product with packaging (kg): 6.29 kg
Product with stand (kg): 3.93 kg
Product without stand (kg): 3.39 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: 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, TUV/ISO9241-307, TUV-BAUART, EAC, EAC ROHS, UKCA, EMF, FCC, ICES-003

Cabinet

Colour: Charcoal
Finish: Textured

What's in the box?

Cables: HDMI cable and power cable
Monitor with stand
User Documentation



* 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.
* Smart MBR adjusts the brightness to reduce motion blur, so you cannot adjust the brightness while Smart MBR is turned on. To reduce motion blur, the LED backlight will strobe synchronously with each screen refresh, which may cause a noticeable change in brightness
* Smart MBR is a gaming-optimised mode. Turning on Smart MBR may cause noticeable screen flickering. We recommend turning it off when you are not using the gaming function
* This monitor strives for sustainability: the monitor's chassis is made up of 85% post-consumer recycled plastic.
* The products and accessories listed on this leaflet may differ by country and region.
* The monitor may look different from feature images.