

PHILIPS

EVNIA



Full HD gaming
monitor

Fast IPS Gaming monitor

Evnia 3000

24 (23.8"/60.5 cm diag.)

1920 x 1080 (Full HD)



24M2N3200NF

Broaden your gaming horizon

This 24 inch Fast IPS 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

- Smart MBR: for reducing motion blur.
- Evnia Precision Centre: Maximise Your Gaming Experience
- ShadowBoost: for bringing dark scenes to life.
- 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
- Certified NVIDIA® G-SYNC® compatible for smooth, fast gaming
- Low input lag reduces time delay between devices to monitor

Immersive visuals

- 16:9 Full HD display for crisp, detailed images
- High Dynamic Range (HDR) for more lifelike colourful visuals

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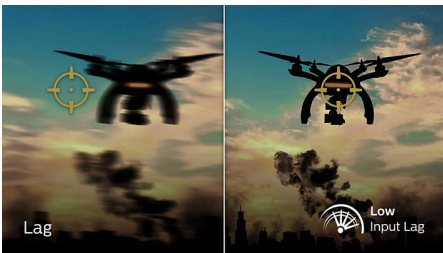
Highlights

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.

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.

16:9 Full HD display



Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080

resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colours, expect a true-to-life picture.

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.

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.



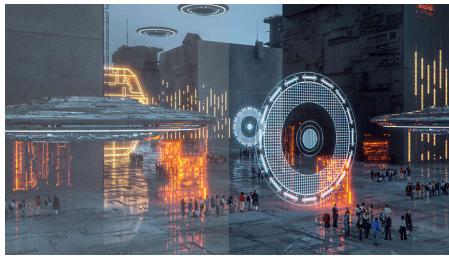
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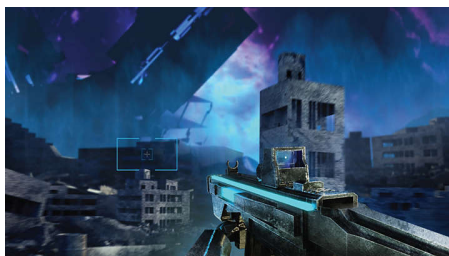
Highlights

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.

ShadowBoost



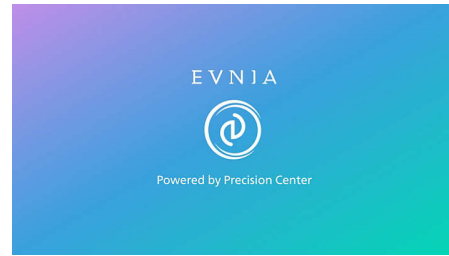
This feature enhances dark scenes in a linear fashion. The ShadowBoost feature has three selectable levels that enhance overall brightness and ultimately provide beautiful picture quality with high contrast.

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.

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.

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.

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Specifications

Picture/Display

Panel Size: 23.8 inch/60.5 cm

Aspect ratio: 16:9

LCD panel type: IPS technology

Backlight type: W-LED system

Pixel pitch: 0.2745 x 0.2745 mm

Brightness: 300 cd/m²

Display colours: 16.7 M

Colour gamut (typical): Adobe RGB 89%; DCI-P3:93%, sRGB: 120%, NTSC 110%*

Contrast ratio (typical): 1500:1

SmartContrast: Mega Infinity DCR

Response time (typical): 4 ms (Grey to Grey)*

Viewing angle: 178° (H)/178° (V), @ C/R > 10

Picture enhancement: SmartImage game

Maximum resolution: 1920 x 1080 @ 144 Hz (HDMI/DP)

Effective viewing area: 527.04 (H) x 296.46 (V) mm

Scanning Frequency: 30 kHz-160 kHz (H)/48-144 Hz (V)

sRGB

Flicker-free

Pixel Density: 93 PPI

LowBlue Mode

Display Screen Coating: Anti-Glare, 3H, Haze 25%

EasyRead

Adaptive sync

G-SYNC

HDR: HDR 10 supported

Smart MBR Sync

Smart MBR: 0.5 ms*

Smart Crosshair

Shadow Boost

Connectivity

Signal Input: HDMI 1.4 x 1, DisplayPort 1.4 x 1

Sync Input: Separate Sync

Audio (In/Out): Headphone out

HDCP: HDCP 1.4 (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

Low blue light

Stand

Tilt: -5/20 degree

Power

Power supply: Internal, 100–240 VAC, 50–60 Hz

Off mode: 0.3 W (typ.)

On mode: 17.8 W (typ.)

Standby mode: 0.5 W (typ.)

Power LED indicator: Operation - White, Standby mode - White (flashing)

Dimensions

Packaging in mm (W x H x D):

690 x 420 x 124 mm

Product without stand (mm): 544 x 321 x 50 mm

Product with stand (max height):

544 x 433 x 216 mm

Weight

Product with packaging (kg): 5.36 kg

Product with stand (kg): 3.04 kg

Product without stand (kg): 2.5 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, INMETRO, ETL, CEC, TUV/ISO9241-307, TUV-BAUART, EAC, EAC ROHS, MEPS, PSB, 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 brightness for blur reduction, so you cannot adjust 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 recommended 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.
- * 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 that your graphic card supports NVIDIA® G-SYNC®
- * The monitor may look different from feature images.
- * The products and accessories listed on this leaflet may differ by country and region.