

PHILIPS



Quad HD gaming
monitor

Fast IPS Gaming monitor

Evnia 3000

27" (68.5cm)

2560 x 1440 (Quad HD)



27M2N3600PA

Broaden your gaming horizon

Designed for speed and precision, this monitor's 27-inch Fast IPS panel delivers ultra-smooth 260Hz performance with a rapid 0.3ms response time. Every frame stays sharp and fluid, and is brought to life vivid HDR visuals.

Features designed for gamers needs

- Stark ShadowBoost: for enhancing visibility in dark scenes
- Evnia Precision Center: Maximize Your Gaming Experience
- Smart MBR: for reducing motion blur.
- Built-in stereo speakers for multimedia
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- Smart Crosshair: for better aim and more fun

Built for fast action

- 0.3 ms ultra-fast speed for crisp image and smooth gameplay
- Low input lag reduces time delay between devices to monitor

Immersive visuals

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

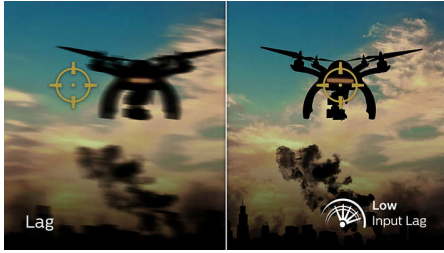
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Highlights

Low input lag



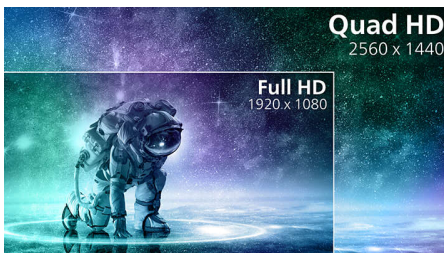
Input lag is the amount of time that elapses between performing an action with connected devices and seeing the result on screen. Low input lag reduces the time delay between entering a command from your devices to monitor, greatly improve on playing twitch-sensitive video games, particularly important 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.

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.

High Dynamic Range (HDR)



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

LowBlue mode & Flicker-free



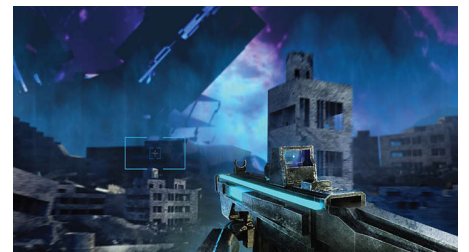
Our LowBlue Mode and Flicker-free technology have been developed to reduce eye strain and fatigue often caused by long hours in front of a monitor.

Built-in stereo speakers



A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

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.



Low Input Lag



Fast Response
0.3ms



Quad HD



HDR



LowBlue Mode



Built-in Speaker



HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE

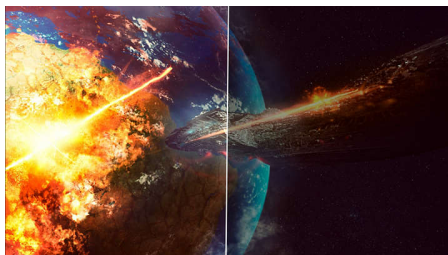
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Highlights

Stark ShadowBoost



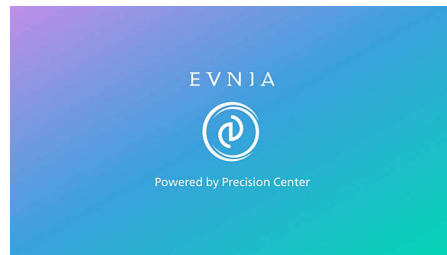
This feature enhances dark scenes without overexposing lightened areas. The Stark Shadowboost feature has three selectable levels that offer texturized images with better color saturation with higher contrast so you can see better in both light and dark environments. In addition, this feature helps you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

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 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: 300 cd/m²

Display colors: 1.07B (8+FRC, 10bits can be achieved through DP@QHD 200Hz)

Color gamut (typical): sRGB: 120%, Adobe RGB 91%; DCI-P3:95%, NTSC 105%*

Contrast ratio (typical): 1000:1

SmartContrast: Mega Infinity DCR

Response time (typical): 5ms (Gray to Gray)

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

Picture enhancement: SmartImage game

SmartResponse: 1 ms (Gray to Gray)*

Maximum resolution: 2560x1440 @ 260 Hz (by DP, 8bits) / 2560x1440 @ 144Hz (HDMI, 8bits)

Effective viewing area:

596.736(H)x335.664(V)mm

Scanning Frequency: H: 30-230kHz(HDMI) / 30-400kHz (by DP/Type-C) ; V: 48-240Hz(HDMI)/ 48-260Hz (by DP/Type-C)

sRGB

Delta E: <2 (sRGB)

Flicker-free

Pixel Density: 109 PPI

LowBlue Mode

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

SmartUniformity: 93~105%

MPRT

Low Input Lag

AMD FreeSync™ technology

G-SYNC

HDR: HDR 10

Smart Crosshair

Smart Sniper

Shadow Boost: Yes*

Smart MBR

Smart MBR Sync

Stark Shadow Boost: Yes*

Smart MBR: 0.3ms*

Smart Crosshair

Shadow Boost

SoftBlue technology

Connectivity

Signal Input: HDMI 2.0 x 2, DisplayPort 1.4 x 1, USB-C x1 (video, data and PD)

Sync Input: Separate Sync

Audio (In/Out): Headphone out

HDCP: HDCP 1.4 (HDMI / DP), HDCP 2.3 (HDMI / DP), USB-C (HDCP 1.4 / 2.2)

Power Delivery

Max power delivery: USB-C PD 90W (by smart power) / Up to 90W (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/3.25A, 20V/4.5A)

Version: USB PD version 3.0

Convenience

Built-in Speakers: 2Wx2

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, FreeSync Premium, G-Sync compatible

Control software: Evnia Precision Center

Low blue light: Yes*

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: 33.63 W (typ.)

Standby mode: 0.5 W (typ.)

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

Dimensions

Packaging in mm (WxHxD): 730 x 480 x 139 mm

Product without stand (mm): 614 x 368 x 60 mm

Product with stand(max height): 614 x 519 x 261 mm

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Specifications

Weight

Product with packaging (kg): 8.21 kg

Product with stand (kg): 5.82 kg

Product without stand (kg): 4.17 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: CE Mark, FCC, WEEE, CB, MEPS, PSB, UKCA, ICES-003, EMF, eyesafe® CERTIFIED 2.0, TÜV Rheinland Circular Polarization

Cabinet

Color: Charcoal

Finish: Textured

What's in the box?

Cables: HDMI cable, DisplayPort cable, USB-C to USB-C cable, Power cable*

Monitor with stand

User Documentation

- * 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
- * Adobe RGB and DCI-P3 Coverage based on CIE1976, sRGB Area based on CIE1931, NTSC Area based on CIE1976.
- * Display colors: 10bits can be reached by DP@200Hz with QHD resolution
- * 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
- * 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.
- * Stark Shadow Boost cannot be activated while Low Input Lag is enabled.
- * 85% recycled of the chassis and 35% on base cover/headphone holder
- * 2020 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, AMD FreeSync™ and combinations thereof are trademarks of Advanced Micro Devices, Inc. Other product names used in this publication are for identification purposes only and may be trademarks of their respective companies.
- * 10bits can be achieved through DP@QHD 200Hz
- * 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®.
- * The monitor may look different from feature images.
- * The products and accessories listed on this leaflet may differ by country and region.
- * Shadow Boost cannot activate when Low Input Lag is On.

