

PHILIPS

EVNIA

Quad HD gaming
monitor

Fast VA Gaming
monitor

Evnia 3000

27" (68.5cm)

2560 x 1440 (Quad HD)

27M2N3500NL



Broaden your gaming horizon

This Fast VA monitor allows you to game with ultimate precision and speed at 180Hz. With sharp HDR quality imagery and Quad HD resolution guaranteed, this monitor produces an excellent all-around gaming experience.

Features designed for you

- SmartImage game mode optimized for gamers
- EasySelect menu toggle key for quick on-screen menu access
- Smart Crosshair: for better aim and more fun
- LowBlue mode and Flicker-free easy-on-the eyes viewing

Built for fast action

- 180Hz refresh rates for ultra-smooth, brilliant images
- Effortlessly smooth gameplay with AMD FreeSync™ technology
- Fast VA Panel: For sharp imagery at high frame rates
- 0.5 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

Fast VA Gaming monitor

Quad HD gaming monitor

27M2N3500NL/75

Highlights

180Hz Gaming



You play intense, competitive gaming. You demand display with lag free, ultra-smooth images. This display redraws the screen image up-to 180 times per second, effectively 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 180Hz frame rate, you get those critical missing images on the screen which shows 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 improve on playing twitch-sensitive video games, particularly important to whom plays fast-paced, competitive games.

0.5 ms Smart MBR fast response



Philips Evnia with 0.5 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.

Fast VA



This feature is made for action-packed gameplay. Not only does it produce virtually blur-free gaming, but it also pairs well with high frame rates for the best and sharpest imagery, guaranteed.

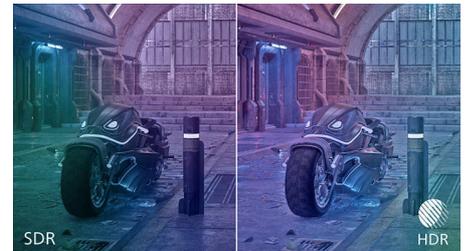
Crystalclear images



These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 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.

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.

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.



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Quad HD gaming monitor

27M2N3500NL/75

Highlights

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.

EasySelect Menu Toggle Key



The discreetly placed EasySelect Menu Toggle Key allows you to make quick and easy adjustments to monitor settings in the On-Screen Display menu.

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 display with fastest response time, high color, along with image adjustments. "RTS" mode (Real time strategy) has a special SmartFrame mode which enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customized settings based on different games, ensuring best 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 much more easily.

Ultra-smooth gaming



Gaming shouldn't be a choice between choppy gameplay or broken frames. With the new Philips monitor it doesn't have to be. Get fluid, artifact-free performance at virtually any framerate with AMD FreeSync™ technology, smooth quick refresh and ultra-fast response time.



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27M2N3500NL/75

Specifications

Picture/Display

Panel Size: 27 inch / 68.5 cm
Aspect ratio: 16:9
LCD panel type: VA LCD
Backlight type: W-LED system
Pixel pitch: 0.2331 x 0.2331 mm
Brightness: 300 cd/m²
Display colors: 16.7 M
Color gamut (typical): DCI-P3: 95*, sRGB 127%*, Adobe RGB 92%*
Contrast ratio (typical): 5000:1
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: 2560 x 1440 @ 144 Hz (HDMI) / 2560 x 1440 @ 180 Hz (DP)
Effective viewing area: 597.6 (H) x 336.15 (V)
Scanning Frequency: HDMI: 30 - 230 kHz (H) / 48 - 144 Hz (V); DP: 30 - 270 kHz (H) / 48 - 180 Hz (V)
sRGB
Delta E: <2 (sRGB)
Flicker-free
Pixel Density: 108.79 PPI
LowBlue Mode
Display Screen Coating: Anti-Glare, 3H, Haze 25%
Low Input Lag
EasyRead
AMD FreeSync™ technology
G-SYNC
HDR: HDR 10 supported
Smart Crosshair
Shadow Boost
Smart MBR: 0.5ms*

Connectivity

Signal Input: HDMI 2.0 x 2, 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 & Play Compatibility: DDC/CI, Mac OS X, 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)

Stand

Tilt: -5/20 degree

Power

Power supply: Internal, 100-240VAC, 50-60Hz
Off mode: 0.3 W (typ.)
On mode: 21.6 W (typ.)
Standby mode: 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode - White (blinking)

Dimensions

Packaging in mm (WxHxD): 690 x 420 x 141 mm
Product without stand (mm): 615 x 369 x 61 mm
Product with stand(max height): 615 x 463 x 193 mm

Weight

Product with packaging (kg): 6.88 kg
Product with stand (kg): 4.34 kg
Product without stand (kg): 3.73 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 %
Specific Substances: Mercury free, PVC / BFR free housing
Post consumer recycled plastics: 85%*

Compliance and standards

Regulatory Approvals: CB, CE Mark, FCC Class B, ICES-003, EAC, EAEU RoHS, TUV/ISO9241-307, TUV-BAUART, PSB, UKCA, EMF

Cabinet

Color: Charcoal
Finish: Textured

* The maximum resolution works for either HDMI input or DP input.

* 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

* sRGB Area based on CIE 1976

* Adobe RGB Coverage based on CIE 1931

* DCI-P3 Coverage based on CIE1976

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* 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®

* This monitor strives for sustainability: the stand's feet 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.

