Philips Evnia Fast IPS
Gaming monitor
Full HD gaming monitor

Evnia 3000

24 (23.8"/60.5 cm diag.)
1920 x 1080 (Full HD)

24M2N3200A



Broaden your gaming horizon

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

Features designed for gamers' needs

- SmartImage game mode optimised for gamers
- Built-in stereo speakers for multimedia
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- EasySelect menu toggle key for quick on-screen menu access
- Smart Crosshair: for better aim and more fun
- SmartErgoBase enables user-friendly ergonomic adjustments

Built for fast action

- 180 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

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

EVNIA | PHILIPS

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Highlights

180 Hz 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 a 180 Hz frame rate, you get those critical missing images on the screen which show enemy movement in ultra-smooth motion so you can easily target enemies. 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 MPRT fast response



The Philips Momentum display with 0.5 ms MPRT 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. The best choice for playing thrilling and twitch-sensitive games.

Fast IPS



This feature is made for action-packed gameplay. Not only does it work four times faster than a conventional IPS panel, but it also pairs well with high frame rates for the utmost gaming quality at rapid speeds with sharp imagery guaranteed.

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.

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.

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.

180Hz
0.5ms Fast Response 0.5ms
HDR
SmartImage Game
Built-in Speaker
Flicker-free
LowBlue Mode
SmartErgo Base
VA Wide Viewing Angle
EasySelect

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Specifications

Connectivity
- Signal Input: HDMI 2.0 x 2, DisplayPort 1.4 x 1
- Sync Input: Separate Sync
- Audio (In/Out): Audio out
- HDCP: HDCP 1.4 (HDMI/DP), HDCP 2.2 (HDMI/DP)

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): NTSC 113%*, sRGB 126%*, Adobe RGB 110%*
- Contrast ratio (typical): 1000:1
- SmartContrast: Mega Infinity DCR
- Response time (typical): 1 ms (Grey to Grey)*
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage game
- Maximum resolution: 1920 x 1080 @ 180 Hz*
- Effective viewing area: 527.04 (H) x 296.46 (V)
- Scanning Frequency: 30–200 kHz (H)/48–180 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 93 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- MPRT: 0.5 ms
- EasyRead
- Adaptive sync
- HDR: HDR 10 supported
- Smart Crosshair
- Smart MBR

Convenience
- Built-in Speakers: 2 W x 2
- Plug and 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 (100 x 100 mm)

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

Power
- Power supply: Internal, 100–240 VAC, 50–60 Hz
- Off mode: 0.3 W (typ.)
- On mode: 18.7 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): 730 x 420 x 188 mm
- Product without stand (mm): 540 x 325 x 55 mm
- Product with stand (max height): 540 x 515 x 261 mm

Weight
- Product with packaging (kg): 7.38 kg
- Product with stand (kg): 4.56 kg
- Product without stand (kg): 2.76 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 %
- Specific Substances: Mercury free, PVC/BFR free housing
- Post-consumer recycled plastics: 85%*

Compliance and standards
- Regulatory Approvals: CB, TUV/ISO9241-307, TUV-BAUART, EAC, BSMI, CE Mark, UKCA, EMF, FCC, ICES-003

Cabinet
- Colour: Charcoal
- Finish: Textured

What's in the box?
- Cables: HDMI cable, DisplayPort cable, 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
* MPRT adjusts the brightness for blur reduction, so the brightness cannot be adjusted while MPRT is turned on. To reduce motion blur, the LED backlight will strobe in time with the screen refresh rate, which may cause a noticeable change in brightness.
* MPRT is a gaming-optimised mode. Turning on MPRT may cause noticeable screen flickering. It is recommended to turn this mode off when you are not using the gaming function.
* NTSC Area based on CIE 1976
* sRGB Area based on CIE1931
* Adobe RGB Area based on CIE1976
* This monitor strives for sustainability: the stand's feet are made with 35% recycled plastic and the 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.

Issue date 2024-06-07
Version: 5.5.1
EAN: 87 12581 80581 4

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