Philips Evnia Curved Fast
VA Gaming monitor
Full HD gaming monitor

Evnia 5000
27" (68.5 cm)
1920 x 1080 (Full HD)

27M2C5200W

Your gaming experience to the utmost

This Fast VA monitor is made for gamers with a need for speed. Its 280 Hz refresh rate and 0.3 ms MPRT make this monitor the ideal enabler for spotting targets and running through scenarios.

Built for fast action
- 0.3 ms ultra-fast speed for crisp image and smooth gameplay

Features designed for gamers' needs
- SmartImage game mode optimised for gamers
- Tilt, swivel and height-adjust for an ideal viewing position
- 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

Built for fast action
- Low input lag reduces time delay between devices to monitor
- 280 Hz trail-blazing refresh rate for smooth gameplay

Immersive visuals
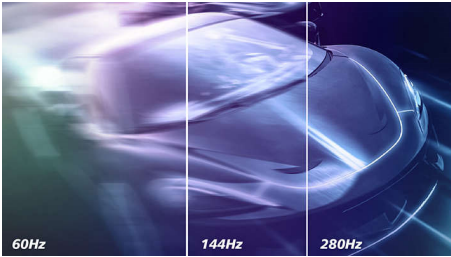- 16:9 Full HD display for crisp, detailed images
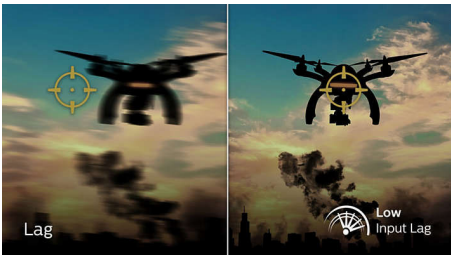
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Highlights

Accelerated 280 Hz refresh rate

The Philips Evnia 280 Hz display takes your gaming experience to new dimensions. The low input lag coupled with variable refresh rate technology gives you an immersive gaming advantage. Plus, our wide-view angle panel with high resolution provides a realistic gaming experience with unsurpassed colour accuracy. Focus on what matters as the adjustable stand gives you the comfort you deserve and flicker-free technology makes for a viewing experience that is easy on the eyes, so you can continue gaming without health worries.

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.

0.3 ms MPRT fast response

Philips display with 0.3 ms MPRT effectively eliminates smearing and motion blur, delivering sharp and precise visuals to enhance the 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 work four times faster than a conventional VA panel, but it also pairs well with high frame rates for the utmost gaming quality at rapid speeds with sharp imagery guaranteed.

Curved display design

Desktop monitors offer a personal user experience, which suits a curved design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the centre of your desk.

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.

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/DisplayPort), HDCP 2.2 (HDMI/DisplayPort)

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: 0.3114 x 0.3114 mm
- Brightness: 300 cd/m²
- Display colours: 1.07 B (10 bits)*
- Colour gamut (typical): NTSC 108%*, sRGB 121%*
- Contrast ratio (typical): 4000:1
- 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: HDMI: 1920 x 1080 @ 180 Hz, DP: 1920 x 1080 @ 280 Hz
- Effective viewing area: 597.888 (H) x 336.312 (V) - at a 1500R curvature*
- Scanning Frequency: HDMI: 30–200 kHz (H)/ 48–180 Hz (V), DP: 30–320 kHz (H)/48–280 Hz (V)
- sRGB
- Delta E: < 2 (sRGB)
- Flicker-free
- Pixel Density: 81.68 PPI
- LowBlue Mode
- Display Screen Coating: SAG 25%
- SmartUniformity: 93 ~ 105%
- Low Input Lag
- EasyRead
- Adaptive sync
- HDR: HDR 10 supported
- Smart Crosshair
- Smart MBR: 0.3 ms

Convenience
- 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
- 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: 22.4 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): 785 x 480 x 188 mm
- Product without stand (mm): 611 x 369 x 90 mm
- Product with stand (max height): 611 x 528 x 247 mm

Weight
- Product with packaging (kg): 9.15 kg
- Product with stand (kg): 5.79 kg
- Product without stand (kg): 3.97 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: 30,000 (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

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

Cabinet
- Colour: Dark Slate
- Finish: Textured

What's in the box?
- Cables: HDMI cable, DisplayPort cable, Power cable
- Monitor with stand
- User Documentation

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* Radius of the arc of the display curvature in mm
* 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.
* 10 bits only can be reached by DP @ 240 Hz or HDMI @ 120 Hz
* The maximum resolution works for DP input only.
* Response time value equal to SmartResponse
* Smart MBR adjusts brightness for blur reduction, so you cannot adjust brightness while MPRT 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 MPRT may cause noticeable screen flickering. We recommended turning it off when you are not using the gaming function.
* NTSC Area based on CIE 1976
* sRGB Area based on CIE1931
* The products and accessories listed on this leaflet may differ by country and region.
* The monitor may look different from feature images.