



Philips Evnia Curved
Gaming Monitor
Quad HD gaming monitor

Evnia 5000

27" (68.5 cm)
2560 x 1440 (QHD)

27M2C5500W

Your gaming experience to the utmost

The speed of lightning is no longer a figure of speech with a 240 Hz refresh rate. Smooth gameplay can always be guaranteed by Evnia. The compact ergonomic design allows you to play your game your way.

Built for fast action

- AMD FreeSync™ Premium Pro; smooth, low latency HDR gaming
- Ultra-fast 240 Hz refresh rate for virtually lag-free gaming
- Low input lag reduces time delay between devices to monitor
- 0.5 ms ultra-fast speed for crisp images and smooth gameplay

Immersive visuals

- Curved display design for a more immersive experience
- VA display delivers awesome images with wide viewing angles
- Crystal clear images with Quad HD 2560 x 1440 pixels
- SmartImage HDR gives optimal viewing from your HDR content

Features designed for gamers' needs

- LowBlue mode and Flicker-free easy-on-the-eyes viewing
- MultiView enables simultaneous dual connection and view
- EasySelect menu toggle key for quick on-screen menu access
- Tilt, swivel and height-adjust for an ideal viewing position

EVNIA

PHILIPS

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Highlights

AMD FreeSync™ Premium Pro



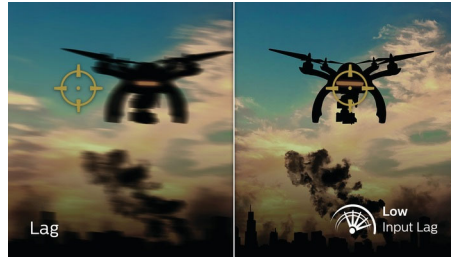
Gaming shouldn't be a choice between choppy gameplay or broken frames. AMD FreeSync™ Premium Pro provides the true HDR gaming experience: a combination of smooth gaming at peak performance and exceptional high dynamic range visuals while still maintaining low latency.

Ultra-fast 240 Hz refresh rate



While playing the most intense, engaging, action-oriented games, ultra-fast 240 Hz refresh rate enhances an ultra-smooth, lag-free gaming experience. This Philips display redraws the screen image up to 240 times per second, effectively faster than a standard display. Especially for fast-paced games like FPS and racing games, 240 Hz gives a superior motion and clarity visuals. With Philips 240 Hz Momentum display, action sequences in gameplay look judder-free and ghost-free. You will experience deeper immersion and feel more alive in game.

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.

Curved display design



Desktop monitors offer a personal user experience, which suits a curved design very

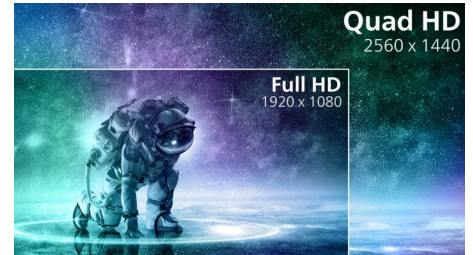
well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the centre of your desk.

VA display



The Philips VA LED display uses an advanced multi-domain vertical alignment technology that gives you super-high static contrast ratios for extra-vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web browsing, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you a 178/178 degree extra-wide viewing angle, resulting in crisp images.

CrystalClear images



These Philips screens deliver CrystalClear, Quad HD 2560 x 1440 or 2560 x 1080 pixel images. Utilising high-performance panels with high-density pixel count, enabled by high-bandwidth sources like USB-C, Displayport, HDMI and Dual-link DVI, these new displays will make your images and graphics come alive. Whether you are a demanding professional requiring extremely detailed information for CAD-CAM solutions, are using 3D graphic applications or are a financial wizard working on huge spreadsheets, Philips displays will give you CrystalClear images.



Specifications

Picture/Display

- LCD panel type: VA LCD
- Backlight type: W-LED system
- Panel Size: 27 inch / 68.5 cm
- Display Screen Coating: SAG 25%
- Effective viewing area: 596.736 (H) x 335.664 (V) - at a 1000R curvature*
- Pixel format: R.G.B. Vertical strip
- Aspect ratio: 16:9
- Maximum resolution: HDMI: 2560 x 1440 @ 144 Hz, DP: 2560 x 1440 @ 240 Hz
- Pixel Density: 108.79 PPI
- Response time (typical): 1 ms (Grey to Grey)*
- MPRT: 0.5 ms
- Low Input Lag
- Brightness: 400 cd/m²
- SmartContrast: Mega Infinity DCR
- Contrast ratio (typical): 3000:1
- Pixel pitch: 0.2331 x 0.2331 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- HDR: DisplayHDR 400 certified
- Colour gamut (typical): NTSC 98.5%*, sRGB 119%*
- Picture enhancement: SmartImage game
- Display colours: 16.7 M (8 bit)
- Scanning Frequency: HDMI: 30 - 230 kHz (H)/48 - 144 Hz (V), DP: 30 - 255 kHz (H)/48 - 240 Hz (V)
- SmartUniformity: 93 ~ 105%
- Delta E: < 2 (sRGB)
- LowBlue Mode
- EasyRead
- sRGB
- AMD FreeSync™ technology: Premium Pro

Connectivity

- Signal Input: HDMI 2.0 x 2, DisplayPort 1.4 x 2
- HDCP: HDCP 1.4 (HDMI/DisplayPort), HDCP 2.2 (HDMI/DisplayPort)
- USB Hub: USB 3.2 Gen 1 / 5 Gbps, USB-B upstream x 1, USB-A downstream x 4 (with 2 for fast charge B.C 1.2)
- Audio (In/Out): Audio out
- Sync Input: Separate Sync

Convenience

- MultiView: PIP/PBP mode, 2 x devices
- 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)

- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8 / 7

Stand

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

Power

- On mode: 25.9 W (typ.)
- Standby mode: 0.5 W (typ.)
- Off mode: 0.3 W (typ.)
- Energy Label Class: F
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Internal, 100–240 VAC, 50–60 Hz

Dimensions

- Product with stand (max height): 606 x 527 x 230 mm
- Product without stand (mm): 606 x 370 x 108 mm
- Packaging in mm (W x H x D): 785 x 483 x 190 mm

Weight

- Product with stand (kg): 6.25 kg
- Product without stand (kg): 5.00 kg
- Product with packaging (kg): 10.28 kg

Operating conditions

- Temperature range (operation): 0°C to 40 °C
- Temperature range (storage): -20°C to 60 °C
- Relative humidity: 20%-80 %
- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF: 30,000 (Excluded backlight) hour(s)

Sustainability

- Environmental and energy: RoHS
- Recyclable packaging material: 100 %
- Specific Substances: Mercury free, PVC/BFR free housing

Compliance and standards

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

Cabinet

- Colour: Dark Slate
- Finish: Textured

What's in the box?

- Monitor with stand
- Cables: HDMI cable, DisplayPort cable, USB upstream cable, Power cable
- User Documentation

Issue date 2023-03-22

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Version: 4.1.1

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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.

* 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

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* The monitor may look different from feature images.