

# PHILIPS

## EVNIA

Quad HD gaming  
monitor

Curved Gaming  
Monitor

Evnia 5000

27" (68.5 cm)

2560 x 1440 (QHD)

27M2C5500W



## Your gaming experience to the utmost

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

### Built for fast action

- 0.5 ms ultra-fast speed for crisp image and smooth gameplay

### Features designed for gamers needs

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

### Built for fast action

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

### Immersive visuals

- Crystalclear images with Quad HD 2560 x 1440 pixels
- VA display delivers awesome images with wide viewing angles
- Curved display design for more immersive experience

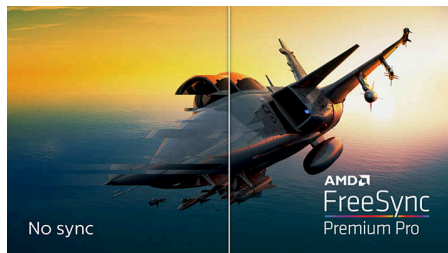
# Curved Gaming Monitor

Quad HD gaming monitor

27M2C5500W/75

## Highlights

### AMD FreeSync™ Premium Pro



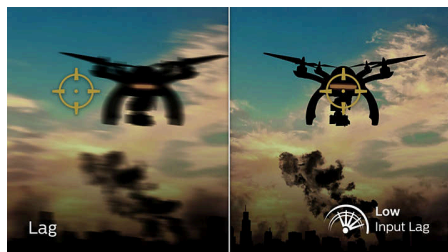
Gaming shouldn't be a choice between choppy gameplay or broken frames. AMD FreeSync™ Premium Pro provides the true HDR gaming experience: a combination of smooth gaming at peak performance, and exceptional high dynamic range visuals while still maintaining low latency.

### 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 display, action sequences in gameplay look judder-free and ghost-free. You will experience deeper immersion and feeling alive in game.

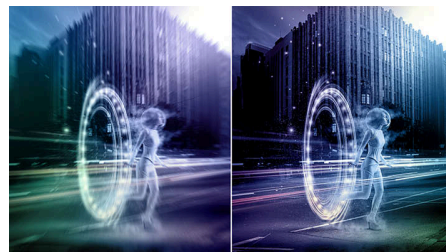
### Low input lag



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 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 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.

### Curved display design



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

### VA display



Philips VA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for

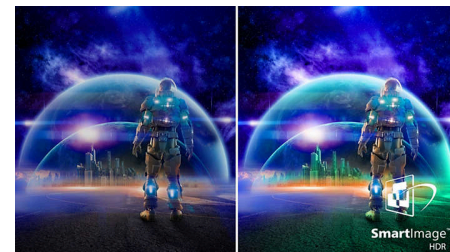
extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. Its optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

### 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.

### SmartImage HDR



Select one of SmartImage HDR modes to best suit your needs. HDR Game: Optimize for playing video games. With brighter white and darker black, the gaming scene is vivid and revealing more details, easily spot enemies hiding in the dark corner and shadows. HDR Movie: Ideal for watching HDR movie. Deliver better contrast and brightness for more realistic and immerse viewing experience. HDR Photo: Enhance red, green, and blue for lively visuals. DisplayHDR: VESA DisplayHDR certified\*. Personal: Customize settings in picture menu. \*Please refer to specification for HDR grade.

AMD  
FreeSync  
Premium Pro

Low Input Lag

Quad HD

LowBlue Mode

EasySelect

CompactErgo  
Base

CompactErgo  
Base

CurvedDisplay

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## 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.

### Compact Ergo Base



The Compact Ergo Base is a people-friendly Philips monitor base that tilts, swivels and height-adjusts so each user can position the monitor for maximum viewing comfort and efficiency.

AMD  
**FreeSync**  
Premium Pro



Low Input Lag



Quad HD



LowBlue Mode



EasySelect



Compact Ergo  
Base

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## 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:** 400 cd/m<sup>2</sup>  
**Display colors:** 16.7 M (8 bit)  
**Color gamut (typical):** NTSC 98.5%\*, sRGB 119%\*  
**Contrast ratio (typical):** 3000:1  
**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:** HDMI: 2560 x 1440 @ 144 Hz, DP: 2560 x 1440 @ 240 Hz  
**Effective viewing area:** 596.736 (H) x 335.664 (V) - at a 1000R curvature\*  
**Scanning Frequency:** HDMI: 30 - 230 kHz (H) / 48 - 144 Hz (V), DP: 30 - 255 kHz (H) / 48 - 240 Hz (V)  
**sRGB**  
**Delta E:** < 2 (sRGB)  
**Flicker-free**  
**Pixel Density:** 108.79 PPI  
**LowBlue Mode**  
**Display Screen Coating:** SAG 25%  
**SmartUniformity:** 93 ~ 105%  
**Low Input Lag**  
**EasyRead**  
**AMD FreeSync™ technology:** Premium Pro  
**HDR:** DisplayHDR 400 certified  
**Pixel format:** R.G.B. Vertical strip  
**Smart MBR:** 0.5 ms\*

### Connectivity

**Signal Input:** HDMI 2.0 x 2, DisplayPort 1.4 x 2  
**Sync Input:** Separate Sync  
**Audio (In/Out):** Audio out  
**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)

### Convenience

**Plug & Play Compatibility:** DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8 / 7  
**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)  
**MultiView:** PIP/PBP mode, 2x devices

### Stand

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

### Power

**Power supply:** Internal, 100-240VAC, 50-60Hz  
**Off mode:** 0.3 W (typ.)  
**On mode:** 25.9 W (typ.)  
**Standby mode:** 0.5 W (typ.)  
**Power LED indicator:** Operation - White, Standby mode- White (blinking)

### Dimensions

**Packaging in mm (WxHxD):** 785 x 483 x 190 mm  
**Product without stand (mm):** 606 x 370 x 108 mm  
**Product with stand(max height):** 606 x 527 x 230 mm

### Weight

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

### Operating conditions

**Altitude:** Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)  
**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, CE Mark, FCC Class B, ICES-003, CU-EAC, EAEU RoHS, TUV/ISO9241-307, TUV-BAUART, MEPS, RCM

### Cabinet

**Color:** Dark Slate  
**Finish:** Textured



\* 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  
\* 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.  
\* NTSC Area based on CIE1976  
\* sRGB Area based on CIE1931  
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\* The monitor may look different from feature images.