



#### Quad HD gaming monitor

- Evnia 5000
- 27" (68.5 cm)
- 2560 x 1440 (QHD)

27M2C5500W/89

## 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.

### Benefits

#### 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 image and smooth gameplay

#### Immersive visuals

- Curved display design for more immersive experience
- VA display delivers awesome images with wide viewing angles
- Crystalclear 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

**PHILIPS**

## Curved Gaming Monitor

### Features

#### AMD FreeSync™ Premium Pro



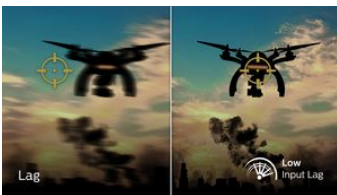
Gaming shouldn't be a choice between choppy gameplay or broken frames. AMD FreeSync™ Premium Pro provides the true HDR gaming experience: a combination of smooth gaming at peak performance, and exceptional high dynamic range visuals while still maintaining low latency.

#### 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 MPRT fast response



Philips Momentum display with 0.5 ms MPRT 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.

#### 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 like USB-C, Displayport, HDMI, 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.

## Curved Gaming Monitor

### 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.

## Specifications

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### Picture/Display

LCD panel type	VA LCD
Backlight type	W-LED system
Panel Size	27 inch / 68.5 cm
Display Screen	SAG 25%
Coating	
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 (Gray to Gray)*
MPRT	0.5 ms
Low Input Lag	Yes
Brightness	400 cd/m <sup>2</sup>
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	Yes
HDR	DisplayHDR 400 certified
Color gamut (typical)	NTSC 98.5%*, sRGB 119%*
Picture enhancement	SmartImage game
Display colors	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	Yes
EasyRead	Yes
sRGB	Yes
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)  
Sync Input

Audio out  
Separate Sync

### Convenience

MultiView

PIP/PBP mode  
2x devices

User convenience

Power On/Off  
Menu/OK  
Input/Up  
Game Settings/Down  
SmartImage game/Back  
Brazil Portuguese

OSD Languages

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

### 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 (WxHxD)	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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
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
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### Cabinet

Color Finish	Dark Slate Textured
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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 is to adjust brightness for blur reduction, so cannot adjust brightness while MPRT is turned on. To reduce motion blur, LED backlight will strobe synchronously with screen refresh, which may cause noticeable brightness change.

\* MPRT is gaming-optimized mode. Turn on MPRT 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.



data subject to change  
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