

# PHILIPS

## EVNIA

Quad HD gaming  
monitor

Curved Gaming  
Monitor

Evnia 5000

27" (68.5 cm)

2560 x 1440 (QHD)

27M1C5500VL



## Feel your game

This Philips gaming monitor delivers crystal-clear visuals and smooth gameplay. Sync technology, 165 Hz refresh rate with HDR create a lifelike experience. The slim-frame display with Ultra Wide-Color enhances visual immersion.

### Features designed for you

- EasySelect menu toggle key for quick on-screen menu access
- LowBlue mode and Flicker-free easy-on-the eyes viewing

### Immersive visuals

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

### The gaming advantage is yours

- 165 Hz refresh rates for ultra-smooth, brilliant images
- 1 ms (MPRT) fast response for crisp images and smooth gameplay
- SmartImage game mode optimised for gamers
- Low input lag reduces time delay between devices to monitor

# Curved Gaming Monitor

Quad HD gaming monitor

27M1C5500VL/00

## Highlights

### Curved display design



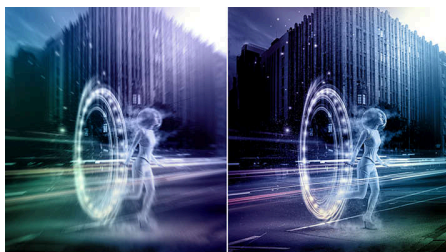
Desktop monitors offer a personal user experience, which suits a curved design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the centre of your desk.

### 165 Hz Gaming



You play intense, competitive gaming. You demand display with lag free, ultra-smooth images. This Philips display redraws the screen image up to 165 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 165 Hz frame rate, you get those critical missing images on the screen which shows enemy movement in ultra-smooth motion so you can easily target them. With ultra-low input lag and no screen tearing, this Philips display is your perfect gaming partner

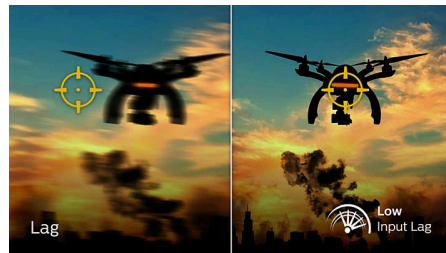
### 1 ms MPRT fast response



MPRT (motion picture response time) is a more intuitive way to describe response time, which directly refers to the duration between seeing

blurry noise and clean, crisp images. The Philips gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur and delivers sharper and more precise visuals to enhance your gaming experience. The best choice for playing thrilling and twitch-sensitive games.

### Low Input Lag



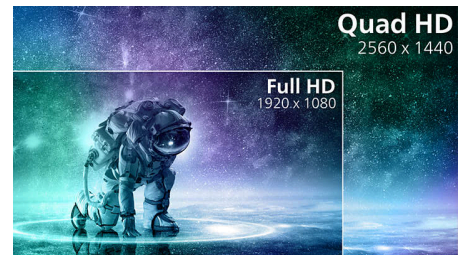
Input lag is the amount of time that elapses between performing an action with connected devices and seeing the result on screen. Low input lag reduces the time delay between entering a command from your devices to monitor, greatly improving play on twitch-sensitive video games, particularly important for playing fast-paced, competitive games.

### 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 a high-density pixel count enabled by high bandwidth sources, 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 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: optimised for playing video games. With brighter white and darker black, the gaming scene is vivid and reveals more details, easily spot enemies hiding in the dark corners and shadows. HDR Movie: ideal for watching HDR movie. Delivers better contrast and brightness for a more realistic and immersive viewing experience. HDR Photo: enhanced red, green and blue for lively visuals. DisplayHDR: VESA DisplayHDR certified\*. Personal: customised settings in picture menu. \*Please refer to specification for HDR grade.



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## Highlights

### LowBlue Mode and 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.

### SmartImage Game mode



The new Philips gaming display has quick-access OSD fine-tuned for gamers, offering you multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts the display with the fastest response time and high colour, along with image adjustments. "RTS" mode (Real-time strategy) has a special SmartFrame mode that enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customised settings based on different games, ensuring best performance.



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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:** 250 cd/m<sup>2</sup>  
**Display colours:** 16.7 M (8 bit)  
**Colour gamut (typical):** NTSC 95.6%\*, sRGB 126.5%\*  
**Contrast ratio (typical):** 4000:1  
**SmartContrast:** Mega Infinity DCR  
**Response time (typical):** 4 ms (Grey to Grey)\*  
**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 @ 165 Hz\*  
**Effective viewing area:** 596.736 (H) x 335.664 (V)  
- at a 1500R curvature\*  
**Scanning Frequency:** HDMI: 30 - 230 kHz (H) / 48 - 144 Hz (V), DP: 30 - 250 kHz (H) / 48 - 165 Hz\* (V)  
**sRGB**  
**Flicker-free**  
**Pixel Density:** 108.79 PPI  
**LowBlue Mode**  
**Display Screen Coating:** Anti-Glare, 3H, Haze 25%  
**MPRT:** 1 ms  
**Low Input Lag**  
**EasyRead**  
**Adaptive sync**  
**HDR:** HDR 10 supported

### 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)

### Convenience

**Plug and 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 (100 x 100 mm)

### Stand

**Tilt:** -5/20 degree

### Power

**Power supply:** Internal, 100–240 VAC, 50–60 Hz  
**Off mode:** 0.3 W (typ.)  
**On mode:** 38.7 W (typ.)  
**Standby mode:** 0.5 W (typ.)  
**Power LED indicator:** Operation - White, Standby mode - White (flashing)  
**Energy Label Class:** F

### Dimensions

**Packaging in mm (W x H x D):**  
730 x 469 x 226 mm  
**Product without stand (mm):** 611 x 366 x 83 mm  
**Product with stand (max height):**  
611 x 447 x 193 mm

### Weight

**Product with packaging (kg):** 9.20 kg  
**Product with stand (kg):** 5.49 kg  
**Product without stand (kg):** 4.18 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

### Compliance and standards

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

### Cabinet

**Colour:** Black  
**Finish:** Textured

### What's in the box?

**Cables:** HDMI cable, DisplayPort cable, Power cable  
**Monitor with stand**  
**User Documentation**



\* Radius of the arc of the display curvature in mm  
\* The maximum resolution works for DP input only.  
\* 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  
\* The monitor may look different from feature images.