

# PHILIPS

WQHD gaming  
monitor

Curved Fast VA  
Gaming monitor

Evnia 5000

34" (86.36 cm)

3440 x 1440 (WQHD)

34M2C5501A



## Your gaming experience to the utmost

This curved Fast VA monitor allows you to game with ultimate precision and speed at 180 Hz. With features such as DisplayHDR 400, a curved frame and WQHD resolution guaranteed, this monitor produces an excellent all-around gaming experience.

### Features designed for gamers' needs

- Stark ShadowBoost: for enhancing visibility in dark scenes
- AI-enhanced Ambiglow: for intensified entertainment
- Dynamic Lighting: Synchronise lighting on all devices.
- SmartImage game mode optimised for gamers
- Built-in stereo speakers for multimedia

### Built for fast action

- 180 Hz refresh rates for ultra-smooth, brilliant images
- AMD FreeSync™ Premium; tear free, stutter free, fluid gaming
- Fast VA Panel: For sharp imagery at high frame rates
- 0.5 ms ultra-fast speed for crisp images and smooth gameplay
- Low input lag reduces time delay between devices to monitor

### Immersive visuals

- SmartContrast for rich black details
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels

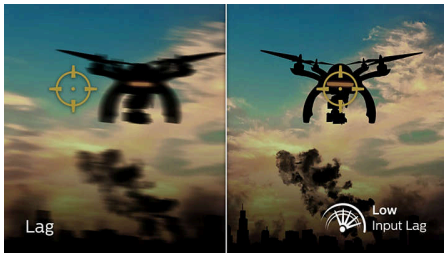
## Highlights

### 180 Hz Gaming



You play intense, competitive gaming. You demand display with lag-free, ultra-smooth images. This display redraws the screen image up to 180 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 a 180 Hz frame rate, you get those critical missing images on the screen which show enemy movement in ultra-smooth motion so you can easily target enemies. With ultra-low input lag and no screen tearing, this Philips display is your perfect gaming partner.

### 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 Smart MBR fast response



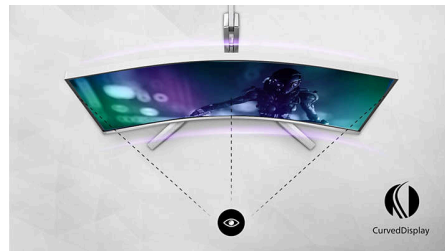
The Philips Evnia with 0.5 ms Smart MBR effectively eliminates smearing and motion blur, and delivers sharper and more precise visuals to enhance your gaming experience. Fast-moving action and dramatic transitions will be rendered smoothly. It's the best choice for playing thrilling action and twitch-sensitive games.

### Fast VA



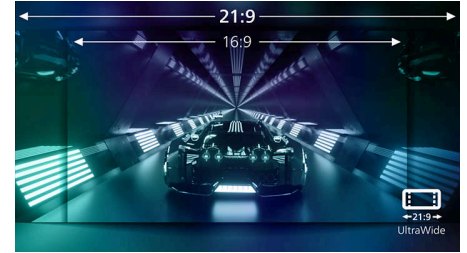
This feature is made for action-packed gameplay. Not only does it produce virtually blur-free gaming, but it also pairs well with high frame rates for the best and sharpest imagery, guaranteed.

### Curved display design



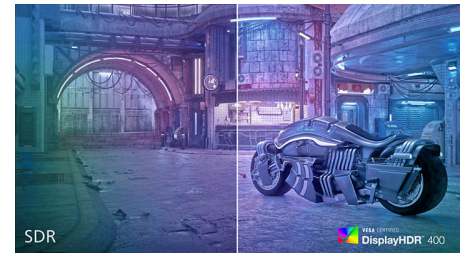
Desktop monitors offer a personal user experience, which suits a curved design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the centre of your desk.

### UltraWide CrystalClear images



These Philips screens deliver Crystal Clear, UltraWide Quad HD 3440 x 1440 pixel images. Utilising high-performance panels with high-density pixel count and 178/178 wide viewing angles, these new displays will make your images and graphics come alive. The UltraWide 21:9 format enables more productivity with more room for side-by-side comparisons and more viewable spreadsheet columns. Whether you are a demanding professional requiring extremely detailed information for CAD-CAM solutions or a financial wizard working on huge spreadsheets, Philips displays deliver Crystal Clear images.

### DisplayHDR 400



VESA-certified DisplayHDR 400 delivers a significant step up from normal SDR displays. Unlike other 'HDR-compatible' screens, true DisplayHDR 400 produces astonishing brightness, contrast and colours. With global dimming and minimum 400 nits of brightness, images come to life with notable highlights while featuring deeper, more nuanced blacks. It renders a fuller palette of rich new colours, delivering a visual experience that engages your senses.



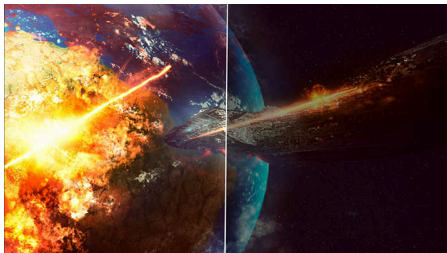
## Highlights

### SmartContrast



SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

### Stark ShadowBoost



This feature enhances dark scenes without overexposing lightened areas. The Stark ShadowBoost feature has three selectable levels that offer texturised images with better colour saturation and higher contrast, so you can see better in both light and dark environments. In addition, this feature helps you fine-tune your sight so that enemies get exposed more quickly when gaming.

### AI-enhanced Ambiglow



Our AI-enhanced processor analyses the incoming image content and continuously adapts the colour and brightness of the emitted light to match the image. This feature adds a new dimension to your viewing experience. The innovative Ambiglow uses its AI capabilities to create a truly immersive and customisable gaming experience. From filling your gaming room with colour to feeling like you are part of the game, the AI-enhanced Ambiglow is made to make your gaming experience the best it's ever been by combining intelligence, colour and light.

### 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.

### Built-in stereo speakers



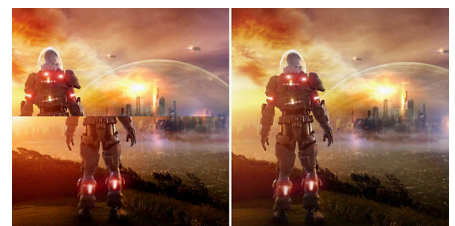
A pair of high-quality stereo speakers built into a display device. They may be visible front firing, or invisible down firing, top firing, rear firing etc. depending on model and design.

### Dynamic Lighting



This feature is a Microsoft certification program that enables users with Windows 11 to synchronise and manage the RGB lighting of all of their monitors and peripherals from one menu. By doing this, the Dynamic Lighting feature creates a complete RGB lighting ecosystem with Philips Evnia Ambiglow across all devices that ultimately caters to a customisable user experience.

### AMD FreeSync™ Premium



Gaming shouldn't be a choice between choppy gameplay or broken frames. AMD FreeSync™ Premium equips serious gamers with a fluid, tear-free gameplay experience at peak performance. There are no compromises, game confidently with a high refresh rate, low framerate compensation and low latency.

# Specifications

## Picture/Display

**Panel Size:** 34 inch/86.36 cm  
**Aspect ratio:** 21:9  
**Monitor Panel Type:** VA, 1500R  
**Pixel pitch:** 0.23175 x 0.23175 mm  
**Brightness:** 300 nit  
**Display colours:** 1.07 B (8 bits + FRC)  
**Colour gamut (typical):** Adobe RGB 91%, DCI-P3:95%, sRGB: 126%, NTSC 105%.\*  
**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: 3440 x 1440 @ 100 Hz, DP: 3440 x 1440 @ 180 Hz  
**Effective viewing area:** 797.22 (H) x 333.72 (V) mm — at a 1500 R curvature\*  
**Scanning Frequency:** HDMI: 30 - 160 kHz (H)/48 - 100 Hz (V), DP: 30 - 275 kHz (H)/48 - 180 Hz (V)  
**sRGB**  
**Delta E:** <2 (sRGB)  
**Flicker-free**  
**Pixel Density:** 109.68 PPI  
**LowBlue Mode**  
**Display Screen Coating:** Anti-glare, 25%, 3H  
**SmartUniformity:** 93~105%  
**Low Input Lag**  
**EasyRead**  
**AMD FreeSync™ technology:** premium G-SYNC  
**HDR:** HDR 400 supported  
**Stark Shadow Boost**  
**Smart MBR:** 0.5 ms\*  
**Windows Dynamic Lighting**  
**Smart Crosshair**  
**Backlight type:** W-LED

## Connectivity

**Signal Input:** HDMI 2.0 x 2, DisplayPort 1.4 x 1  
**Sync Input:** Separate Sync  
**Audio (In/Out):** Headphone 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 3 (with 1 for fast charge B.C 1.2)

## Convenience

**Built-in Speakers:** 5 W x 2  
**Plug and Play Compatibility:** DDC/CI, Mac OS, 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), VESA bracket, LowBlue Mode, FreeSync Premium  
**MultiView:** PIP/PBP mode, 2 x devices  
**Ambiglow:** Ambiglow 3-sided

## 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:** 47.8 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):** 980 x 525 x 226 mm  
**Product without stand (mm):** 808 x 369 x 69 mm  
**Product with stand (max height):** 808 x 434 x 311 mm

## Weight

**Product with packaging (kg):** 11.59 kg  
**Product with stand (kg):** 8.61 kg  
**Product without stand (kg):** 6.68 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 hour(s)  
**Relative humidity:** 20%-80 %  
**Temperature range (storage):** -20°C to 60 °C

## Sustainability

**Environmental and energy:** RoHS  
**Recyclable packaging material:** 100 %  
**Post-consumer recycled plastics:** 35%\*

## Compliance and standards

**Regulatory Approvals:** CB, CE Mark, TUV/ISO9241-307, TUV-BAUART, EAC, EAEU RoHS, KC, EMC, UKCA, EMF, FCC, ICES-003

## Cabinet

**Colour:** White  
**Finish:** Textured

## What's in the box?

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



\* Display colours: 10 bits can be reached by QHD@144 Hz with DP port  
\* Adobe RGB and DCI-P3 Coverage based on CIE1976, sRGB Area based on CIE1931, NTSC Area based on CIE1976.  
\* Radius of the arc of the display curvature in mm  
\* Response time value equal to SmartResponse.  
\* 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.  
\* Smart MBR adjusts brightness for blur reduction, so you cannot adjust brightness while Smart MBR 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.  
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\* NVIDIA® G-SYNC® support interface: DisplayPort  
\* Make sure to update NVIDIA® G-SYNC® driver to the latest version, see more information on NVIDIA website: <https://www.nvidia.com/>  
\* Make sure that your graphic card supports NVIDIA® G-SYNC®  
\* Smart MBR is a gaming-optimised mode. Turning on Smart MBR may cause noticeable screen flickering. We recommended turning it off when you are not using the gaming function.  
\* This monitor strives for sustainability: the base cover and headphone holder are made with 35% recycled plastic.  
\* The products and accessories listed on this leaflet may differ by country and region.  
\* The monitor may look different from feature images.