

# PHILIPS

## EVNIA

Quad HD gaming  
monitor

Gaming Monitor

Evnia 5000

32 (31.5" / 80 cm diag.)

2560 x 1440 (QHD)

32M1N5500VS



## Feel your game

This Philips gaming monitor delivers crystal-clear visuals and smooth gameplay. A rapid 165Hz with DisplayHDR 400 create a polished and 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
- Built-in stereo speakers for multimedia
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- SIAA certified antibacterial treatment to keep sanitary

### Immersive visuals

- VA display delivers awesome images with wide viewing angles
- Crystalclear images with Quad HD 2560 x 1440 pixels
- Ultra Wide-Color wider range of colors for a vivid picture
- SmartImage HDR gives optimal viewing from your HDR content

### The gaming advantage is yours

- 165Hz refresh rates for ultra-smooth, brilliant images
- 1ms (MPRT) fast response for crisp image and smooth gameplay
- AMD FreeSync™ Premium; tear free, stutter free, fluid gaming
- Low input lag reduces time delay between devices to monitor

# Gaming Monitor

Quad HD gaming monitor

32M1N5500VS/96

## Highlights

### 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.

### 165Hz Gaming



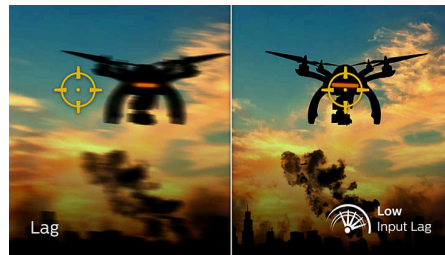
You play intense, competitive gaming. You demand display with lag free, ultra-smooth images. This Philips display redraws the screen image up-to 165 times per second, effectively faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making them difficult targets to hit. With 165Hz 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

### 1ms MPRT fast response



MPRT (motion picture response time) is more intuitive way to describe the response time, which directly refers the duration from seeing blurry noise to clean and crisp images. Philips gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur, delivers sharper and precise visuals to enhance gaming experience. 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 improve on playing twitch-sensitive video games, particularly important to whom plays fast-paced, competitive games.

### 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.

### Antibacterial-treated surface



Bacteria are often transferred by touching infected surfaces. Philips introduces antibacterial agents with ionic silver treatment on monitor surface to inhibit bacterial growth and reduce bacterial adhesion on constant touch part, to keep the surface clean and reduce bacteria spread.

AMD  
FreeSync  
Premium

165Hz

1ms  
Fast Response  
1ms MPRT

Low Input Lag

Quad HD

SIAA  
ISO 22196  
Anti Bacteria

LowBlue Mode

Built-in Speaker

# Gaming Monitor

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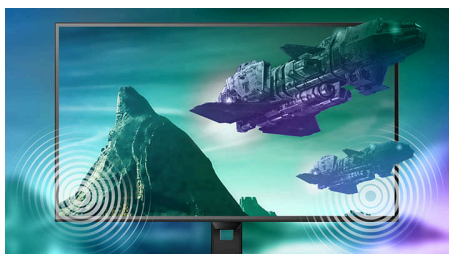
## Highlights

### 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.

### Built-in stereo speakers



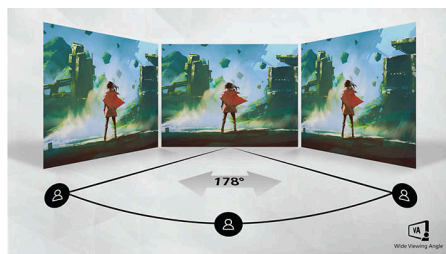
A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

### 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.

### 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. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

### Ultra Wide-Color Technology



Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color Technology.

AMD  
**FreeSync**  
Premium

**165Hz**

**1ms**  
Fast Response  
1ms MPRT

**Low Input Lag**

**Quad HD**

**SIAA**  
ISO 22196  
Anti Bacteria

# Specifications

## Picture/Display

**Panel Size:** 31.5 inch / 80 cm  
**Aspect ratio:** 16:9  
**LCD panel type:** VA LCD  
**Backlight type:** W-LED system  
**Pixel pitch:** 0.2724 x 0.2724 mm  
**Brightness:** 550 cd/m<sup>2</sup>  
**Display colors:** 16.7 M  
**Color gamut (typical):** NTSC 100.8%\*, sRGB 120.6%\*, Adobe RGB 89.9%\*  
**Contrast ratio (typical):** 3000:1  
**SmartContrast:** Mega Infinity DCR  
**Response time (typical):** 4 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 @ 165 Hz\*  
**Effective viewing area:** 697.344 (H) x 392.256 (V)  
**Scanning Frequency:** HDMI: 30 - 230 kHz (H) / 48 - 144 Hz (V), DP: 30 - 250 kHz (H) / 48 - 165 Hz\* (V)  
**sRGB**  
**Delta E:** < 2 (sRGB)  
**Flicker-free**  
**Pixel Density:** 93.24 PPI  
**LowBlue Mode**  
**Display Screen Coating:** Anti-Glare, 3H, Haze 25%  
**SmartUniformity:** 93 ~ 105%  
**MPRT:** 1 ms  
**Low Input Lag**  
**EasyRead**  
**AMD FreeSync™ technology:** Premium  
**HDR:** DisplayHDR 400 certified

## Connectivity

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

## Convenience

**Built-in Speakers:** 5 W x 2  
**Plug & Play Compatibility:** DDC/CI, Mac OS X, sRGB, Windows 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)

## Stand

**Tilt:** -5/20 degree

## Power

**Power supply:** Internal, 100-240VAC, 50-60Hz  
**Off mode:** 0.3 W (typ.)  
**On mode:** 49.2 W (typ.)  
**Standby mode:** 0.5 W (typ.)  
**Power LED indicator:** Operation - White, Standby mode- White (blinking)

## Dimensions

**Packaging in mm (WxHxD):** 930 x 524 x 162 mm  
**Product without stand (mm):** 715 x 420 x 60 mm  
**Product with stand(max height):** 715 x 639 x 297 mm

## Weight

**Product with packaging (kg):** 13.31 kg  
**Product with stand (kg):** 8.65 kg  
**Product without stand (kg):** 7.20 kg

## Operating conditions

**Altitude:** Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)  
**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, SIAA

## Compliance and standards

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

## Cabinet

**Color:** Black  
**Finish:** Textured



\* 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 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

\* Adobe RGB Coverage based on CIE1976

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\* The monitor may look different from feature images.