Philips Curved Fast VA
Gaming monitor
Quad HD gaming monitor

Evnia 5000
32 (31.5"/80 cm diag.)
2560 x 1440 (Quad HD)

32M2C5501

Your gaming experience to the utmost

This curved Fast VA monitor allows you to game with ultimate precision and speed at 180 Hz. With sharp HDR-quality imagery, a curved frame and Quad HD resolution guaranteed, this monitor produces an excellent all-around gaming experience.

Built for fast action
- 0.5 ms ultra-fast speed for crisp images and smooth gameplay

Features designed for gamers' needs
- AI-enhanced Ambiglow: for intensified entertainment
- ShadowBoost: for bringing dark scenes to life.
- SmartImage game mode optimised for gamers
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- Smart Crosshair: for better aim and more fun

Built for fast action
- 180 Hz refresh rates for ultra-smooth, brilliant images
- Low input lag reduces time delay between devices to monitor

Immersive visuals
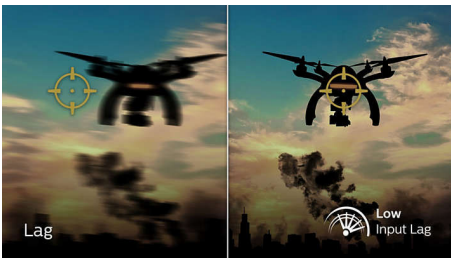- High Dynamic Range (HDR) for more lifelike colourful visuals

PHILIPS

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.
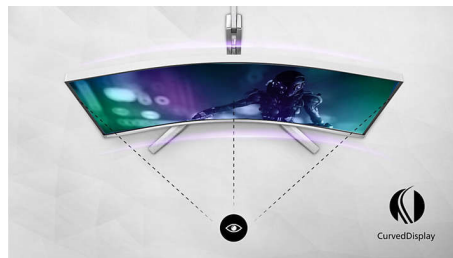
0.5 ms Smart MBR fast response

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 and twitch-sensitive games.

Fast VA

This feature is made for action-packed gameplay. Not only does it work four times faster than a conventional VA panel, but it also pairs well with high frame rates for the utmost gaming quality at rapid speeds with sharp imagery guaranteed.

Curved display design

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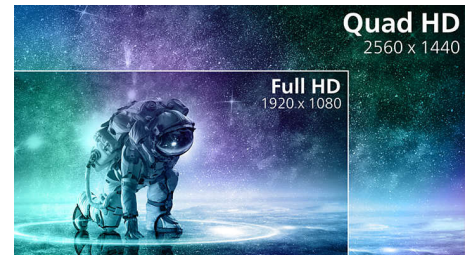
well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the centre of your desk.

High Dynamic Range (HDR)

High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating colour, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colours never before seen on a display, giving you a visual experience that engages your senses and inspires emotions.

CrystalClear images

These Philips screens deliver Crystal Clear, 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 like USB-C, Displayport and HDMI, these new displays will make your images and graphics come alive. Whether you are a demanding professional who requires extremely detailed information for CAD-CAM solutions and uses 3D graphic applications, or a financial wizard working on huge spreadsheets, Philips displays will give you Crystal Clear images.

Specifications

Picture/Display

- Panel Size: 31.5 inch/80 cm
- Aspect ratio: 16:9
- LCD panel type: VA 1500R (curvature)
- Backlight type: W-LED system
- Pixel pitch: 0.2724 x 0.2724 mm
- Brightness: 300 cd/m²
- Display colours: 16.7 M (RGB 8 bits)
- Colour gamut (typical): Adobe RGB 88%; DCI-P3:92%, sRGB: 120%,NTSC 106%.*
- Contrast ratio (typical): 3500:1
- 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: 2560 x 1440 @ 144 Hz, DP: 2560 x 1440 @ 180 Hz
- Effective viewing area: 697.344 (H) x 392.256 (V) mm at a 1500 R curvature*
- Scanning Frequency: HDMI: 30–230 kHz (H)/48–144 Hz (V), DP: 30–270 kHz (H)/48–180 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%
- Low Input Lag
- EasyRead
- Adaptive sync
- HDR: HDR 10 supported
- Smart MBR: 0.5 ms*
- Smart Crosshair
- Shadow Boost

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/DP), HDCP 2.2 (HDMI/DP)

Convenience

- 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), LowBlue Mode
- Ambiglow: Ambiglow 3-sided, no Follow Audio

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: 31.4 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): 900 x 527 x 226 mm
- Product without stand (mm): 709 x 426 x 96 mm
- Product with stand (max height): 709 x 593 x 311 mm

Weight

- Product with packaging (kg): 10.97 kg
- Product with stand (kg): 8.17 kg
- Product without stand (kg): 6.14 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: 35 %

Compliance and standards

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

Cabinet

- Colour: White
- Finish: Textured

What's in the box?

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

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* Radius of the arc of the display curvature in mm
* Adobe RGB and DCI-P3 Coverage based on CIE1976, sRGB Area based on CIE1931, NTSC Area based on CIE1976.
* Response time value equal to SmartResponse
* 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.
* 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.
* 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.
* The monitor may look different from feature images.
* The products and accessories listed on this leaflet may differ by country and region.