

PHILIPS

EVNIA

Quad HD gaming
monitor

Gaming Monitor

Evnia 5000

27" (68.5 cm)

2560 x 1440 (QHD)

27M1F5500P



Feel your game

This Philips gaming monitor is designed for the highest intensity gameplay. Ultra-fast 240 Hz and 1 ms response time create tear-free and low latency gameplay. Enjoy visual awesomeness with 4-sided slim-frame Nano IPS Display and DisplayHDR 600.

Features designed for you

- EasySelect menu toggle key for quick on-screen menu access
- MultiView enables simultaneous dual connection and view
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- SmartErgoBase enables user-friendly ergonomic adjustments

Immersive visuals

- 4-sided frameless display
- IPS Nano colour technology extends gamut for vibrant visuals
- Crystal clear images with Quad HD 2560 x 1440 pixels
- Ultra Wide-Color wider range of colours for a vivid picture
- SmartImage HDR gives optimal viewing from your HDR content

The gaming advantage is yours

- Ultra-fast 240 Hz refresh rate for virtually lag-free gaming
- AMD FreeSync™ Premium Pro; smooth, low latency HDR gaming
- Low input lag reduces time delay between devices to monitor

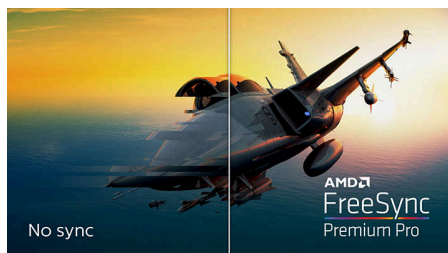
Gaming Monitor

Quad HD gaming monitor

27M1F5500P/01

Highlights

AMD FreeSync™ Premium Pro



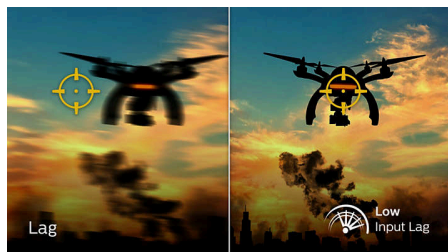
Gaming shouldn't be a choice between choppy gameplay or broken frames. AMD FreeSync™ Premium Pro provides the true HDR gaming experience: a combination of smooth gaming at peak performance and exceptional high dynamic range visuals while still maintaining low latency.

Ultra-fast 240 Hz refresh rate



While playing the most intense, engaging and action-oriented games, the ultra-fast 240 Hz refresh rate creates 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. 240 Hz give superior motion and clarity to the visuals, especially for fast-paced games like FPS and racing games. With the Philips 240 Hz display, action sequences in gameplay look judder-free and ghost-free. You will experience deeper immersion and feel alive in the 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

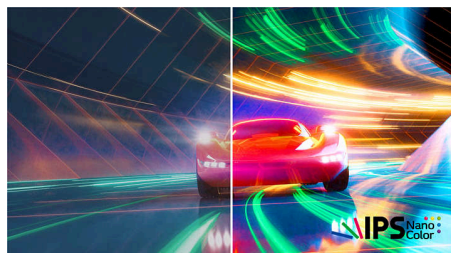
input lag reduces the time delay between entering a command from your devices to monitor, greatly improving play on twitch-sensitive video games, particularly important for playing fast-paced, competitive games.

4-sided frameless



Extremely minimising 4 sided bezels on this virtually frameless display give a minimalist look and offer an expansive viewing experience. Expands your productivity and makes you focus on the vivid images with seamless visions. Significant wide view without distraction and even multi monitor set-up in pivot mode.

IPS Nano Color



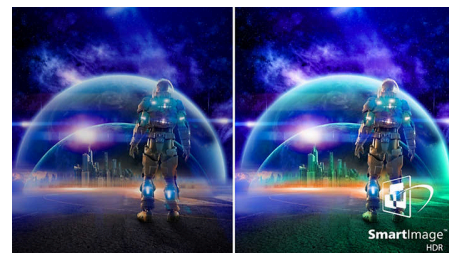
For critical imaging, gaming and productivity needs, Nano IPS display provides precise colour accuracy across a wide viewing angle without colour shift. Richer reds, lusher greens and deeper blues. Ultra Wide-Color with IPS Nano Color technology uses KSF enhanced phosphor nanoparticles to absorb excess light created by the screen to produce amazing colour. True-to-life colour. Our display panels achieve up to 98% coverage of the DCI-P3 colour gamut standard for colour purity as defined by The Society of Motion Pictures and Television Engineers for cinematic picture quality.

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.

AMD
FreeSync
Premium Pro

240Hz

Low Input Lag

4-sided
Frameless

IPS
Nano
Color

Quad HD

LowBlue Mode

SmartErgo
Base

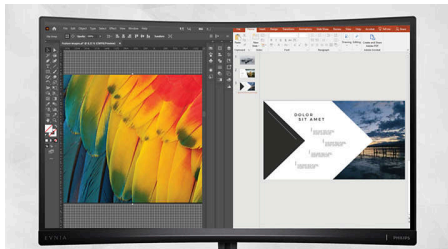
Gaming Monitor

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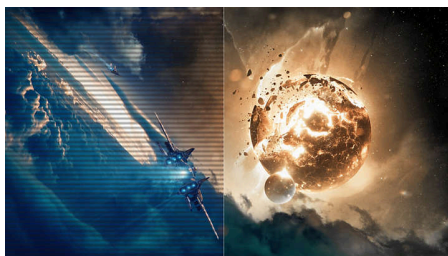
Highlights

MultiView technology



With the ultra-high resolution Philips MultiView display, you can now experience a world of connectivity. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and notebook simultaneously, for complex multitasking.

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.

SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height-adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

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.

Ultra Wide-Color Technology



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

AMD
FreeSync
Premium Pro

240Hz

Low Input Lag

4-sided
Frameless

IPS
Nano
Color

Quad HD

Specifications

Picture/Display

Panel Size: 27 inch/68.5 cm
Aspect ratio: 16:9
LCD panel type: Nano IPS
Backlight type: W-LED system
Pixel pitch: 0.2331 x 0.2331 mm
Brightness: 450 cd/m²
Display colours: 1.07 Billion (10 Bits, FRC)
Colour gamut (typical): NTSC 111.6%*, sRGB 131.9%*, Adobe RGB 92.9%*
Colour gamut (min.): DCI-P3 98%*
Contrast ratio (typical): 1000:1
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: 2560 x 1440 @ 144 Hz (HDMI); 2560 x 1440 @ 240 Hz* (DP)
Effective viewing area: 596.736 (H) x 335.664 (V)
Scanning Frequency: HDMI: 30 - 230 kHz (H) / 48 - 144 Hz (V); DP: 30 - 255 kHz (H) / 48 - 240 Hz (V)
sRGB
Delta E: < 2 (sRGB)
Flicker-free
Pixel Density: 108.79 PPI
LowBlue Mode
Display Screen Coating: Anti-Glare, 3H, Haze 25%
SmartUniformity: 97 ~ 102%
Low Input Lag
EasyRead
AMD FreeSync™ technology: Premium Pro
HDR: DisplayHDR 600 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/DisplayPort), HDCP 2.2 (HDMI/DisplayPort)

Convenience

Plug and 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 (100 x 100 mm)
MultiView: PBP (2 x devices)

Stand

Height adjustment: 130 mm
Pivot: -/+ 90 degree
Swivel: -/+ 45 degree
Tilt: -5/20 degree

Power

Power supply: External, 100–240 VAC, 50–60 Hz
Off mode: 0.3 W (typ.)
On mode: 37.4 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):
 780 x 521 x 224 mm
Product without stand (mm): 609 x 353 x 46 mm
Product with stand (max height):
 609 x 552 x 235 mm

Weight

Product with packaging (kg): 10.99 kg
Product with stand (kg): 5.99 kg
Product without stand (kg): 4.56 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, USB upstream cable, Power cable

Monitor with stand

User Documentation



* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
 * 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
 * DCI-P3 Coverage based on CIE1976
 * NTSC Area based on CIE 1976
 * sRGB Area based on CIE1931
 * Adobe RGB Coverage based on CIE 1976
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 * The monitor may look different from feature images.