

Philips Evnia Gaming
Monitor
Quad HD gaming monitor

Evnia 5000
27" (68.5 cm)
2560 x 1440 (QHD)

27M1N5500U



Feel your game

Push your competitive streak with Philips Momentum. Its 300 Hz refresh rate elevates your gaming and makes you forget screen tear and input lag. Immerse yourself with QHD IPS display and DisplayHDR 600 certified. Connect with what matters.

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 people-friendly ergonomic adjustments

Immersive visuals

- IPS LED wide view technology for image and color accuracy
- Crystalclear images with Quad HD 2560 x 1440 pixels
- SmartImage HDR gives optimal viewing from your HDR content

The gaming advantage is yours

- Low input lag reduces time delay between devices to monitor
- 300Hz trail-blazing refresh rate for smoothest gameplay

EVNIA

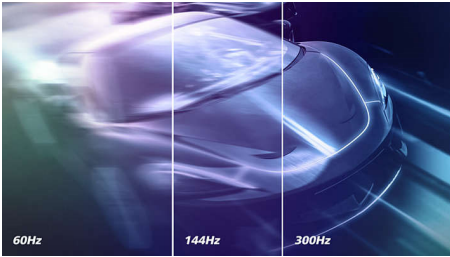
PHILIPS

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Evnia 5000 27" (68.5 cm), 2560 x 1440 (QHD)

27M1N5500U/71

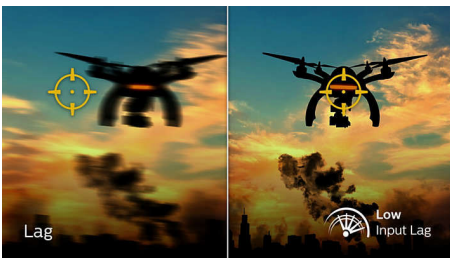
Highlights

Accelerated 300Hz refresh rate



Philips Momentum 300 Hz display takes your gaming experience to new dimensions. The low input lag coupled with variable refresh rate technology gives you an Immersive gaming advantage. Plus, our wide view angle panel with high resolution provides a realistic gaming experience with unsurpassed color accuracy. Focus on what matters as adjustable stand gives the comfort you deserve and flicker-free gives an easy viewing, so you continue gaming without health worries.

Low Input Lag



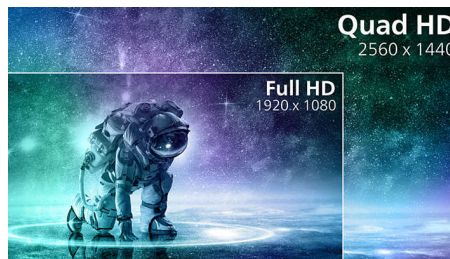
Input lag is the amount of time that elapses between performing an action with connected devices and seeing the result on screen. Low input lag reduces the time delay between entering a command from your devices to monitor, greatly improve on playing twitch-sensitive video games, particularly important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

IPS technology



IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

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 like USB-C, Displayport, HDMI, 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.

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.



Specifications

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 x 4 (downstream with 2 fast charge B.C 1.2)
- HDCP: HDCP 1.4 (HDMI / DP), HDCP 2.2 (HDMI / DP)

Picture/Display

- Panel Size: 27 inch / 68.5 cm
- Aspect ratio: 16:9
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Pixel pitch: 0.2331 x 0.2331 mm
- Brightness: 350 cd/m²
- Display colors: 16.7 M
- Color gamut (typical): NTSC 106%*, sRGB 119.9%*
- Contrast ratio (typical): 1000:1
- SmartContrast: Mega Infinity DCR
- Response time (typical): 1 ms (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage game
- Maximum resolution: 2560 x 1440 @ 144 Hz (HDMI); 2560 x 1440 @ 300 Hz* (DP)
- Effective viewing area: 596.736 (H) x 335.664 (V)
- Scanning Frequency: 30 - 255 kHz (H) / 48 - 300 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: 93 ~ 105%
- Low Input Lag
- EasyRead
- Adaptive sync
- HDR: DisplayHDR 600 certified

Convenience

- 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)
- MultiView: PBP (2x devices)

Stand

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

Power

- Power supply: External, 100-240VAC, 50-60Hz
- Off mode: 0.3 W (typ.)
- On mode: 25.3 W (typ.)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

- Packaging in mm (WxHxD): 780 x 521 x 224 mm
- Product without stand (mm): 613 x 365 x 53 mm
- Product with stand(max height): 613 x 543 x 236 mm

Weight

- Product with packaging (kg): 11.06 kg
- Product with stand (kg): 6.00 kg
- Product without stand (kg): 4.40 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

Compliance and standards

- Regulatory Approvals: CB, CE Mark, FCC Class B, ICES-003

Cabinet

- Color: Black
- Finish: Textured