



Full HD gaming monitor

- Evnia 3000
- 27" (68.5 cm)
- 1920 x 1080 (Full HD)

27M1N3200Z/89

Take gaming to the next level

This Philips gaming monitor is an ideal all-around display for intense PC games. Sync technology, rapid 165Hz refresh rate and 1ms response time deliver smooth gameplay. Includes a visually immersive slim-frame display and Ultra Wide-Color.

Benefits

The gaming advantage is yours

- AMD FreeSync™ Premium; tear free, stutter free, fluid gaming
- Certified NVIDIA® G-SYNC® compatible for smooth fast gaming
- 165Hz refresh rates for ultra-smooth, brilliant images
- 1ms (MPRT) fast response for crisp image and smooth gameplay
- Low input lag reduces time delay between devices to monitor
- SmartImage game mode optimized for gamers

Immersive visuals

- IPS LED wide view technology for image and color accuracy

- Ultra Wide-Color wider range of colors for a vivid picture
- 16:9 Full HD display for crisp detailed images
- SmartContrast for rich black details

Features designed for you

- LowBlue mode and Flicker-free easy-on-the eyes viewing
- SmartErgoBase enables people-friendly ergonomic adjustments
- EasySelect menu toggle key for quick on-screen menu access

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Gaming Monitor

Features

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.

NVIDIA® G-SYNC® compatible



When playing intense games with high refresh rates, screen tearing may appear without optimal graphics synchronization. This Philips display is certified as NVIDIA® G-SYNC® compatible, reducing screen tearing and syncing your monitor's refresh rate with your graphic card's output for a smoother gaming experience. Scenes appear instantly, objects look sharper, and gameplay is smooth, giving you a stunning visual experience and a serious competitive edge.

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 shaper 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.

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 display with fastest response time, high color, along with image adjustments. "RTS" mode (Real time strategy) has a special SmartFrame mode which enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customized settings based on different games, ensuring best performance.

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.

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.

Gaming Monitor

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.

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.

16:9 Full HD display



Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.

SmartContrast



SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors 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.

Specifications

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Picture/Display

LCD panel type	IPS technology
Backlight type	W-LED system
Panel Size	27 inch / 68.5 cm
Display Screen Coating	Anti-Glare, 3H, Haze 25%
Effective viewing area	597.888 (H) x 336.312 (V)
Aspect ratio	16:9
Maximum resolution	1920 x 1080 @ 165 Hz*
Pixel Density	81.59 PPI
Response time (typical)	4 ms (Gray to Gray)*
MPRT	1 ms
Low Input Lag	Yes
Brightness	250 cd/m ²
SmartContrast	Mega Infinity DCR
Contrast ratio (typical)	1100:1
Pixel pitch	0.3114 x 0.3114 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Flicker-free	Yes
Color gamut (typical)	NTSC 107%*, sRGB 122%*, Adobe RGB 90.4%*
Picture enhancement	SmartImage game
Display colors	16.7 M
Scanning Frequency	HDMI: 30 - 160 kHz (H) / 48 - 165 Hz (V); DP: 30 - 200 kHz (H) / 48 - 165 Hz (V)
LowBlue Mode	Yes

EasyRead	Yes
sRGB	Yes
AMD FreeSync™ technology	Premium
G-SYNC	Compatible*

Connectivity

Signal Input	HDMI 2.0 x 2, DisplayPort 1.2 x 1
HDCP	HDCP 1.4 (HDMI / DP), HDCP 2.2 (HDMI / DP)
Audio (In/Out)	Audio out
Sync Input	Separate Sync

Convenience

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

Gaming Monitor

	Japanese
	Korean
	Polish
	Portuguese
	Russian
	Spanish
	Simplified Chinese
	Swedish
	Turkish
	Traditional Chinese
	Ukrainian
Other convenience	Kensington lock
	VESA mount (100x100mm)
Plug & Play Compatibility	DDC/CI
	Mac OS X
	sRGB
	Windows 10 / 8.1 / 8 / 7

Stand

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

Power

On mode	28.2 W (typ.)
Standby mode	0.5 W (typ.)
Off mode	0.3 W (typ.)
Power LED indicator	Operation - White
	Standby mode- White (blinking)
Power supply	Internal
	100-240VAC, 50-60Hz

Dimensions

Product with stand(max height)	612 x 543 x 236 mm
Product without stand (mm)	612 x 365 x 55 mm
Packaging in mm (WxHxD)	780 x 521 x 224 mm

Weight

Product with stand (kg)	5.30 kg
Product without stand (kg)	3.70 kg
Product with packaging (kg)	9.96 kg

Operating conditions

Temperature range (operation)	0°C to 40 °C
Temperature range (storage)	-20°C to 60 °C
Relative humidity	20%-80 %
Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF	50,000 (Excluded backlight) hour(s)

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
	PSB

Cabinet

Color	Black
Finish	Textured

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.

* The maximum resolution works for either HDMI input or DP input.

* 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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* 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 your graphic card supports NVIDIA® G-SYNC®

* The monitor may look different from feature images.



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