



Full HD Curved LCD display

- Momentum
- 27" (68.6 cm)
- 1920 x 1080 (Full HD)

272M8CZ/89

Get in the moment

This FHD curved Momentum monitor gets you in the moment. AMD FreeSync™ and 165Hz fast refresh rate give flawlessly smooth entertainment experience for playing games and watching movies. Ultra Wide-color and HDR give vibrant image quality.

Benefits

Design to enhance the senses

- Curved display design for more immersive experience

Built for fast action

- AMD FreeSync™ Premium; tear free, stutter free, fluid gaming
- 165Hz refresh rates for ultra-smooth, brilliant images
- 1ms (MPRT) fast response for crisp image and smooth gameplay
- SmartImage game mode optimized for gamers

Expand your viewing experience

- VA display delivers awesome images with wide viewing angles
- High Dynamic Range (HDR) for more lifelike colorful visuals
- Ultra Wide-Color wider range of colors for a vivid picture

Get comfortable

- LowBlue Mode for easy on-the-eyes productivity
- Less eye fatigue with Flicker-free technology

PHILIPS

Gaming Monitor

Features

Curved display design



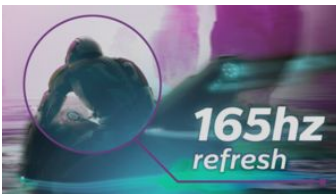
Desktop monitors offer a personal user experience, which suits a curve design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the center of your desk.

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 shaper and precise visuals to enhance gaming experience. Best choice for playing thrilling and twitch-sensitive games.

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.

High Dynamic Range (HDR)



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

LowBlue Mode



Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

Flicker-free technology



Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

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

Gaming Monitor

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.

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.

Specifications

[field not found 'disclaimer_text']

Picture/Display

AMD FreeSync™ technology	Premium
LCD panel type	VA LCD
Backlight type	W-LED system
Panel Size	27 inch / 68.6 cm
Display Screen Coating	Anti-Glare, 3H, Haze 25%
Effective viewing area	597.89 (H) x 336.31 (V) - at a 1500R curvature*
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 165 Hz
Pixel Density	82 PPI
Response time (typical)	1 ms (MPRT)
Brightness	250 cd/m ²
SmartContrast	Mega Infinity DCR
Contrast ratio (typical)	3000:1
Pixel pitch	0.311 x 0.311 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Picture enhancement	SmartImage game
Color gamut (typical)	NTSC 95%*, sRGB 115%*
HDR	HDR Ready
Display colors	16.7 M
Scanning Frequency	30 - 200 kHz (H) / 48 - 165 Hz (V)
sRGB	Yes
Flicker-free	Yes
LowBlue Mode	Yes

Connectivity

Signal Input	DisplayPort 1.4 x 1 HDMI 2.0 x 2
Sync Input	Separate Sync
Audio (In/Out)	Audio out

Convenience

User convenience	Power On/Off Menu/OK Brightness/UP Input/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
Kensington lock
VESA mount (100x100mm)
DDC/CI
Mac OS X
sRGB
Windows 10 / 8.1 / 8 / 7

Other convenience
Plug & Play Compatibility

Stand

Tilt	-5/20 degree
------	--------------

Power

On mode	29.76 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	External 100-240VAC, 50-60Hz

Dimensions

Product with stand(max height)	611 x 462 x 210 mm
Product without stand (mm)	611 x 367 x 71 mm
Packaging in mm (WxHxD)	683 x 525 x 249 mm

Weight

Product with stand (kg)	4.40 kg
Product without stand (kg)	3.84 kg
Product with packaging (kg)	6.80 kg

Gaming Monitor

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 CCC CECP CEL MEPS RCM
----------------------	--

Cabinet

Color	Black
Finish	Textured

* Radius of the arc of the display curvature in mm

* Response time value equal to SmartResponse

* NTSC Area based on CIE1976

* sRGB Area based on CIE1931

* 2020 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, AMD FreeSync™ and combinations thereof are trademarks of Advanced Micro Devices, Inc. Other product names used in this publication are for identification purposes only and may be trademarks of their respective companies.

* The monitor may look different from feature images.



data subject to change
2023, June 21

Version: 2.0.1
EAN: 8712581772451

© 2023 Koninklijke Philips N.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. or their respective owners.

www.philips.com