



Full HD Curved LCD monitor

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

278M6QJEB5/89

Get in the moment

The new curved Momentum monitor gets you in the moment. AMD FreeSync™ technology, 165Hz fast refresh rate, and 1ms response time give flawlessly smooth entertainment experience for playing games and watching movies.

Benefits

Design to enhance the senses

- Curved display design for more immersive experience
- Crafted with premium materials for a sophisticated look

Superb Picture Quality

- VA display gives awesome images with wide viewing angle

Built for fast action

- AMD FreeSync™ Premium; tear free, stutter free, fluid gaming
- 165Hz refresh rates for ultra-smooth, brilliant images

- SmartImage game mode optimized for gamers
- 1ms (MPRT) fast response for crisp image and smooth gameplay

Get comfortable

- LowBlue Mode for easy on-the-eyes productivity
- Less eye fatigue with Flicker-free technology
- Height-adjustable for better ergonomic comfort

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.

VA display



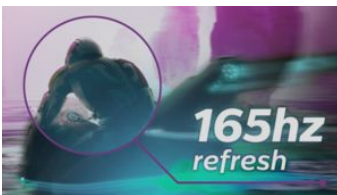
Philips VA LED display uses an advanced vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 176/176 degree extra wide viewing angle, resulting in crisp images.

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

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.

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.

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.

Gaming Monitor

Height-adjustable Ergo Base



The height-adjustable Ergo Base is a 'people friendly' Philips monitor base that not only tilts, but is also height adjustable, so that each user can adjust the monitor to their personal preference for maximum viewing comfort and efficiency.

Specifications

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Picture/Display

LCD panel type	VA LCD
Backlight type	W-LED system
Panel Size	27 inch / 68.6 cm
Display Screen	Anti-Glare, 3H, Haze 40%
Coating	
Effective viewing area	596.74 (H) x 335.66 (V) - at a 1800R curvature*
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 165 Hz
Response time (typical)	1 ms (MPRT)
Pixel Density	82 PPI
Brightness	250 cd/m ²
Contrast ratio (typical)	3000:1
SmartContrast	80,000,000:1
Pixel pitch	0.311 x 0.311 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Flicker-free	Yes
Picture enhancement	SmartImage game
Color gamut (typical)	NTSC 102.1%*, sRGB 130.2%*
Display colors	16.7 M
Scanning Frequency	104 - 186 kHz (H) / 30 - 165 Hz (V)
sRGB	Yes
LowBlue Mode	Yes
AMD FreeSync™ technology	Premium

Connectivity

Signal Input	VGA (Analog) DisplayPort 1.2 HDMI 2.0 x 2
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	Audio out

Convenience

User convenience	Menu/OK Input/Up SmartImage Game/Return SmartSize/Down Power On/Off SmartControl
Control software	Brazil Portuguese Czech Dutch English Finnish French German Greek Hungarian Italian Japanese Korean Polish Portuguese
OSD Languages	

Russian
Simplified Chinese
Spanish
Swedish
Traditional Chinese
Turkish
Ukrainian
Kensington lock
VESA mount (100x100mm)
DDC/CI
Mac OS X
sRGB
Windows 10 / 8.1 / 8 / 7

Other convenience

Plug & Play Compatibility

Stand

Height adjustment	130 mm
Tilt	-5/20 degree

Power

On mode	33.8 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)	612 x 416 x 286 mm
Product without stand (mm)	612 x 369 x 52 mm
Packaging in mm (WxHxD)	694 x 520 x 358 mm

Weight

Product with stand (kg)	6.25 kg
Product without stand (kg)	4.51 kg
Product with packaging (kg)	9.69 kg

Operating conditions

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

Sustainability

Environmental and energy	RoHS WEEE
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Gaming Monitor

Recyclable packaging material	100 %		CECP CEL
Specific Substances	Mercury free PVC / BFR free housing	Cabinet	
Compliance and standards		Color Finish	Black Glossy
Regulatory Approvals	CB CE Mark CCC		

* 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

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* The monitor may look different from feature images.



data subject to change
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