



Curved QHD LCD display

- Momentum
- 32 (31.5" / 80 cm diag.)
- 2560 x 1440 (QHD)

325M7C/93

## Get in the moment

This Quad HD curved Momentum display gets you in the moment. AMD FreeSync™ and 144Hz fast refresh rate give flawlessly smooth entertainment experience for playing games and watching movies. Scenes look more real with Ultra Wide-Color.

### Benefits

#### Design to enhance the senses

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

#### Expand your viewing experience

- VA display delivers awesome images with wide viewing angles
- Crystalclear images with Quad HD 2560 x 1440 pixels
- Ultra Wide-Color wider range of colors for a vivid picture

#### Built for fast action

- AMD FreeSync™ Premium; tear free, stutter free, fluid gaming
- 144Hz 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

# PHILIPS

## 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 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.

### 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 Displayport, HDMI, Dual link DVI, 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.

### 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.

### 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.

### 144Hz Gaming



You play intense, competitive gaming. You demand display with lag free, ultra-smooth images. This Philips display redraws the screen image up-to 144 times per second, effectively 2.4x 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 144Hz 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



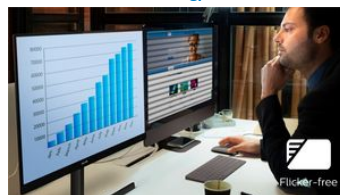
MPRT (motion picture response time) is more intuitive way to describe the response time, which directly refers the duration from seeing blurry noise to clean and crisp images. Philips gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur, delivers shaper and precise visuals to 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.

## Specifications

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### Picture/Display

LCD panel type	VA LCD
AMD FreeSync™ technology	Premium
Backlight type	W-LED system
Panel Size	31.5 inch / 80 cm
Effective viewing area	697.34 (H) x 392.25 (V) mm - at a 1800R curvature*
Aspect ratio	16:9
Optimum resolution	2560 x 1440 @ 144 Hz
Pixel Density	93 PPI
Response time (typical)	1 ms (MPRT)
Brightness	300 cd/m²
SmartContrast	80,000,000:1
Contrast ratio (typical)	3000:1
Pixel pitch	0.272 x 0.272 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Flicker-free	Yes
Color gamut (typical)	NTSC 102.17%*, sRGB 122.64%*
Display colors	16.7 M
Scanning Frequency	70 - 214 kHz (H) / 48 - 144 Hz (V)
LowBlue Mode	Yes
sRGB	Yes

### Connectivity

Signal Input	VGA (Analog ) HDMI (digital, HDCP) DisplayPort x 1
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	Audio out

### Convenience

User convenience	Power On/Off Menu/OK Brightness/Down Input/Up SmartImage game/Back
OSD Languages	Brazil Portuguese Czech Dutch English Finnish French German Greek Hungarian Italian Japanese Korean Polish Portuguese Russian Spanish Simplified Chinese

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

### Stand

Tilt	-5/20 degree
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### Power

On mode	47.9 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)	713 x 529 x 245 mm
Product without stand (mm)	713 x 425 x 89 mm
Packaging in mm (WxHxD)	797 x 717 x 296 mm

### Weight

Product with stand (kg)	6.94 kg
Product without stand (kg)	6.04 kg
Product with packaging (kg)	9.84 kg

### Operating conditions

Temperature range (operation)	0°C to 40°C °C
Temperature range (storage)	-20°C to 60°C °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	Mercury Free 100 %

## Compliance and standards

Regulatory Approvals    CB  
CE Mark  
CCC  
CECP  
CEL

## Cabinet

Color  
Finish

Black  
Textured

\* Radius of the arc of the display curvature in mm

\* NTSC Area based on CIE1976

\* sRGB Area based on CIE1931

\* For any questions related to 144Hz performance please refer to your card vendor directly.

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\* The monitor may look different from feature images.



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