Philips Momentum
Full HD Curved LCD
display

Momentum
32 (31.5" / 80 cm diag.)
1920 x 1080 (Full HD)

322M8CZ

Get in the moment

This Full HD curved Momentum display gets you in the moment. AMD FreeSync™ and 165Hz fast refresh rate give flawlessly smooth entertainment experience for playing games and watching movies. Scenes look more real with Ultra Wide-Color.

Design to enhance the senses
• Curved display design for more immersive experience

Expand your viewing experience
• VA display delivers awesome images with wide viewing angles
• 16:9 Full HD display for crisp detailed images
• Ultra Wide-Color wider range of colors for a vivid picture

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
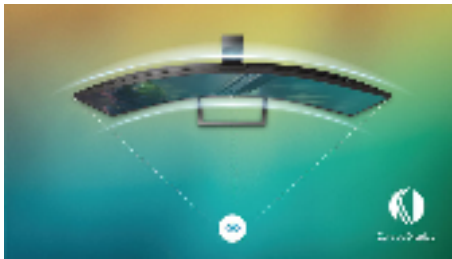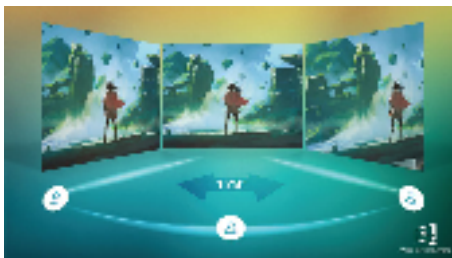• Less eye fatigue with Flicker-free technology

PHILIPS

Highlights

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.
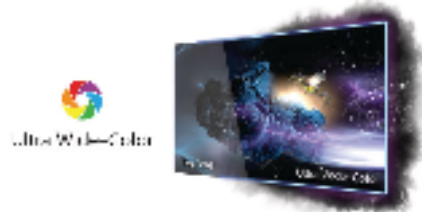
16:9 Full HD display

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.

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.

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.

Specifications

Picture/Display

- LCD panel type: VA LCD
- Backlight type: W-LED system
- Panel Size: 31.5 inch / 80 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 698.4 (H) x 392.9 (V) mm - at a 1500R curvature*
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 165 Hz
- Pixel Density: 70 PPI
- Response time (typical): 1 ms (MPRT)
- Brightness: 250 cd/m²
- SmartContrast: Mega Infinity DCR
- Contrast ratio (typical): 3000:1
- Pixel pitch: 0.364 x 0.364 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Color gamut (typical): NTSC 105%*, sRGB 122%*
- Display colors: 16.7 M
- Scanning Frequency: 30 - 160 kHz (H) / 48 - 165 Hz (V)
- Flicker-free
- LowBlue Mode
- sRGB
- AMD FreeSync™ technology: Premium

Connectivity

- Signal Input: VGA (Analog), DisplayPort x 1, HDMI x 2
- Sync Input: Separate Sync, Sync on Green
- 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
- Other convenience: 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

Power

- On mode: 43.7 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): 709 x 526 x 245 mm
- Product without stand (mm): 709 x 425 x 88 mm
- Packaging in mm (WxHxD): 790 x 619 x 297 mm

Weight

- Product with stand (kg): 7.13 kg
- Product without stand (kg): 6.22 kg
- Product with packaging (kg): 10.33 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, CCC, CECP, CEL

Cabinet

- Color: Black
- Finish: Textured

Design

- Designed in Amsterdam, NL

* 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.