Philips Momentum
Curved UltraWide LCD
display

Momentum
34" (86.36 cm)
3440 x 1440 (WQHD)

345M1CR

Take console gaming to the next level

The Momentum UltraWide gaming monitor delivers an expansive experience. LowInput lag and 144Hz fast refresh rate offer smooth gaming motion.

Curved design inspired by the world around us
- Curved display design for more immersive experience

Built for fast action
- AMD FreeSync™ Premium; tear free, stutter free, fluid gaming
- 144Hz 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

Expand your viewing experience
- VA display delivers awesome images with wide viewing angles
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels
- High Dynamic Range (HDR) for more lifelike colorful visuals
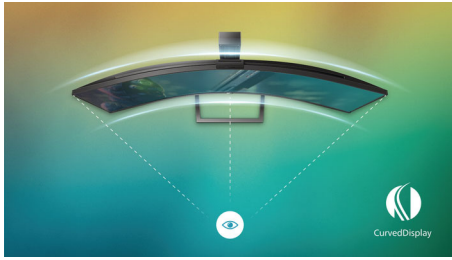
Features designed for gamers needs
- MultiView enables simultaneous dual connection and view
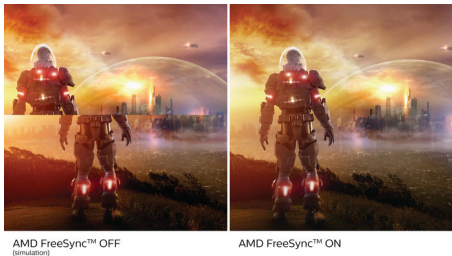- Less eye fatigue with Flicker-free technology

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.

AMD FreeSync™ Premium

AMD FreeSync™ OFF (simulation)

AMD FreeSync™ ON

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.
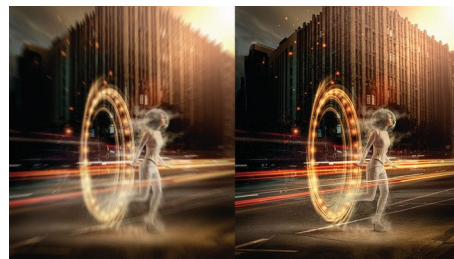
144Hz Gaming

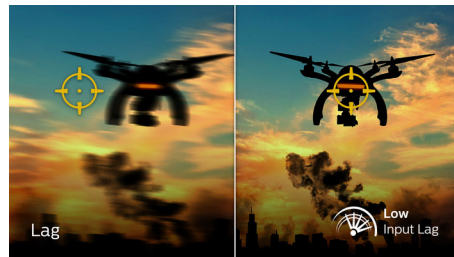You play intense, competitive gaming. You demand display with lag free, ultra-smooth images. This Philips display redraws the screen image up-to 144 times per second, effectively 2.4x faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making 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

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

Lag

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 del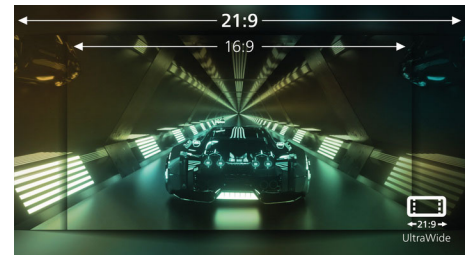ay between entering a command from your devices to monitor, greatly improve on playing twitch-sensitive video games, particularly important to whom plays fast-paced, competitive games.

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.

UltraWide CrystalClear images

These Philips screens deliver CrystalClear, UltraWide Quad HD 3440 x 1440 pixel images. Utilizing high performance panels with high-density pixel count, 178/178 wide viewing angles, these new displays will make your images and graphics come alive. The UltraWide 21:9 format enables more productivity with more room for side-by-side comparisons and more viewable spreadsheet columns. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, or a financial wizard working on huge spreadsheets, Philips displays delivers CrystalClear images.

CurvedDisplay | AMD FreeSync Premium | 144Hz | 1ms Fast Response 1ms MPRT | Low Input Lag | WQHD | HDR | Multiview | Flicker-free

Specifications

Picture/Display
- LCD panel type: VA LCD
- Backlight type: W-LED system
- Panel Size: 34 inch / 86.36 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 797.22 (H) x 333.72 (V) mm - at a 1500R curvature*
- Aspect ratio: 21:9
- Maximum resolution: 3440 x 1440 @ 144 Hz (DP); 3440 x 1440 @ 100 Hz (HDMI)
- Pixel Density: 110 PPI
- Response time (typical): 4 ms (Gray to Gray)*
- MPRT: 1 ms
- Low Input Lag
- Brightness: 300 cd/m²
- SmartContrast: Mega Infinity DCR
- Contrast ratio (typical): 3000:1
- Pixel pitch: 0.23175 x 0.23175 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- HDR: HDR ready
- Color gamut (typical): NTSC 100%*, sRGB 119%*, Adobe RGB 90%*
- Picture enhancement: SmartImage game
- Display colors: 16.7 M
- Scanning Frequency: DP: 30 - 220 kHz (H) / 48 - 144 Hz (V); HDMI: 30 - 170 kHz (H) / 48 - 100 Hz (V)
- LowBlue Mode
- Brightness uniformity: 93 ~ 105%
- Delta E: < 2 (sRGB)
- sRGB
- AMD FreeSync™ technology: Premium

Connectivity
- Signal Input: HDMI 2.0 x 2, DisplayPort x 2
- USB:: USB-B x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)
- Audio (In/Out): Headphone out
- Sync Input: Separate Sync

Convenience
- MultiView: PIP/PBP mode
- 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
- Height adjustment: 110 mm
- Tilt: -5/20 degree

Power
- On mode: 75.74 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: Built-in, 100-240VAC, 50-60Hz

Dimensions
- Product with stand(max height): 807 x 538 x 307 mm
- Product without stand (mm): 807 x 367 x 110 mm
- Packaging in mm (WxHxD): 930 x 525 x 394 mm

Weight
- Product with stand (kg): 9.38 kg
- Product without stand (kg): 7.47 kg
- Product with packaging (kg): 13.62 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: CCC, CECP, CEL

Cabinet
- Color: Black
- Finish: Textured

Design
- Designed in Amsterdam, NL

* Radius of the arc of the display curvature in mm
* The maximum resolution works for either HDMI input or DP input.
* Response time value equal to SmartResponse
* NTSC Area based on CIE1976
* sRGB Area based on CIE1931
* Adobe RGB Coverage based on CIE1976
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* The monitor may look different from feature images.