Philips Momentum
Curved QHD LCD display
with Ambiglow

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

328M6FJRMB

Get in the moment

The Momentum display with HDR and immersive Ambiglow lighting brings you a new level of immersion. AMD FreeSync™ technology and 144Hz fast refresh rate gives flawlessly smooth entertainment experience for playing games and watching movies.

Design to enhance the senses
- Ambiglow intensifies entertainment with halo of light
- Curved display design for more immersive experience
- Crafted with premium materials for a sophisticated look

Superb Picture Quality
- Crystalclear images with Quad HD 2560 x 1440 pixels
- Ultra Wide-Color wider range of colors for a vivid picture
- High Dynamic Range (HDR) for more lifelike colorful visuals

Built for fast action
- AMD FreeSync™ Premium; tear free, stutter free, fluid gaming
- 144Hz refresh rates for ultra-smooth, brilliant images

Get comfortable
- Height adjustment for ideal sitting position
- LowBlue Mode for easy on-the-eyes productivity
- Less eye fatigue with Flicker-free technology
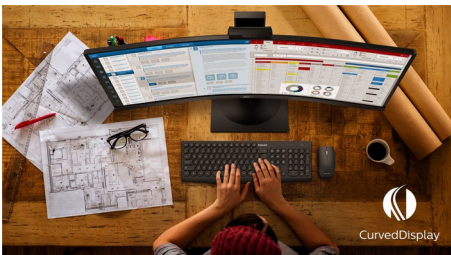
PHILIPS

Highlights

Ambiglow Technology

Ambiglow adds a new dimension to your viewing experience. The innovative Ambiglow technology enlarges the screen by creating an immersive halo of light. Its fast processor analyses the incoming image content and continuously adapts the color and brightness of the emitted light to match the image. User friendly options allow you to adjust the ambiance to your liking. Especially suited for watching movies, sports or playing games, Philips Ambiglow offers you a unique and immersive viewing experience.

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.

Crystalclear images

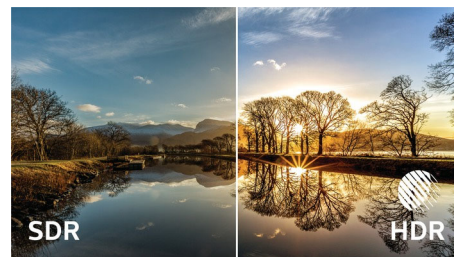These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel

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.
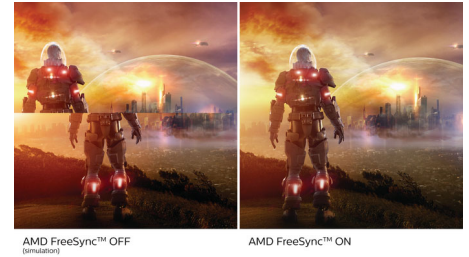
Ultra Wide-Color Technology

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.
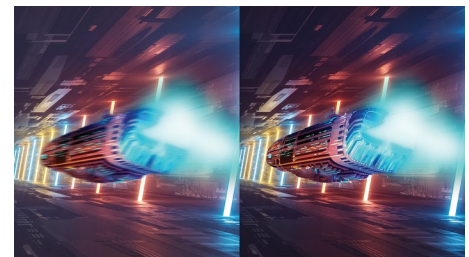
High Dynamic Range (HDR)

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.

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

Ergonomic design

The Smart Ergo Base is a "people freindly" base that delivers screen rotation, swivel, tilt and height adjustment for improved ergonomics and intelligent cable management for a tidy workspace.

Specifications

Picture/Display
- LCD panel type: MVA
- AMD FreeSync™ technology: Premium
- Backlight type: W-LED system
- Panel Size: 31.5 inch / 80 cm
- Color gamut (min.): BT. 709 Coverage: 98.3 %*; DCI-P3 Coverage: 90.9%*
- Color gamut (typical): NTSC 101%*, sRGB 121%*
- HDR: DisplayHDR 400 certified
- Effective viewing area: 697.34 (H) x 392.26 (V) - at a 1800R curvature*
- Aspect ratio: 16:9
- Optimum resolution: 2560 x 1440 @ 144 Hz
- Response time (typical): 4 ms (Gray to Gray)*
- Pixel Density: 93 PPI
- Brightness: 400 cd/m²
- Contrast ratio (typical): 3000:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.272 x 0.272 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage game
- Display colors: 16.7 M
- Scanning Frequency: 30 - 230 kHz (H) / 48 - 144 Hz (V)
- sRGB
- LowBlue Mode

Connectivity
- Signal Input: VGA (Analog), DisplayPort 1.4 x 2, HDMI 1.4 x 1, HDMI 2.0 x 1
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Convenience
- Built-in Speakers: 5 W x 2
- User convenience: Menu/OK, Input/Up, SmartImage Game/Return, SmartSize/Down, Power On/Off
- Control software: SmartControl
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukranian
- Other convenience: Ambiglow, Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Stand
- Height adjustment: 130 mm
- Tilt: -5/20 degree

Power
- On mode: 61 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): 713 x 606 x 286 mm
- Product without stand (mm): 713 x 427 x 52 mm
- Packaging in mm (WxHxD): 831 x 607 x 396 mm

Weight
- Product with stand (kg): 7.87 kg
- Product without stand (kg): 6.11 kg
- Product with packaging (kg): 12.16 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, Mercury Free, WEEE
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: CE Mark, FCC Class B, CU-EAC, RCM, CCC

Cabinet
- Color: Black
- Finish: Glossy / Textured

What's in the box?
- Monitor with stand
- Cables: Audio cable, Power cable
- User Documentation