



Philips Momentum
4K HDR display with
Ambiglow

Momentum

32 (31.5"/80 cm diag.)
3840 x 2160 (4K UHD)



32M6VJRGB

Get in the moment

Momentum 4K UHD display with Ambiglow presents a new level of immersion. Fast action looks flawless with Adaptive-sync and low input lag. DisplayHDR 600 delivers ultra-crisp and vibrant image quality that will get you in the moment.

Expand your viewing experience

- UltraClear 4K UHD (3840 x 2160) resolution for precision
- DisplayHDR 600 for excellent visual highlights
- Ultra Wide-Color wider range of colours for a vivid picture

Built for fast action

- Effortlessly smooth action with Adaptive-Sync technology
- Low input lag reduces time delay between devices to monitor

Design to enhance the senses

- Ambiglow intensifies entertainment with a halo of light
- Enhanced audio with DTS Sound™

Features designed for gamers' needs

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

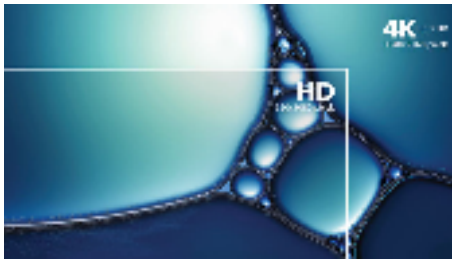
PHILIPS

4K HDR display with Ambiglow
Momentum 32 (31.5"/80 cm diag.), 3840 x 2160 (4K UHD)

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Highlights

UltraClear 4K UHD Resolution



These Philips displays utilise high-performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are a demanding professional requiring extremely detailed images for CAD solutions, a user of 3D graphics applications or a financial wizard working on huge spreadsheets, Philips displays will make your images and graphics come alive.

DisplayHDR 600



VESA-certified DisplayHDR 600 delivers a dramatically different visual experience. Unlike other "HDR-compatible" screens, true DisplayHDR 600 produces astonishing brightness, contrast and colours. With the help of local dimming and high peak brightness up to 600 nits, images come to life with notable highlights featuring deeper, more nuanced blacks. It renders a fuller palette of rich new colours, delivering a visual experience that engages your senses.

Ultra Wide-Color Technology



Ultra Wide-Color Technology delivers a wider spectrum of colours for a more brilliant picture. The Ultra Wide-Color wider "colour gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring media entertainment, images and even productivity more alive with vivid colours from Ultra Wide-Color Technology.

Adaptive-Sync technology



Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artefact-free performance at virtually any frame rate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.

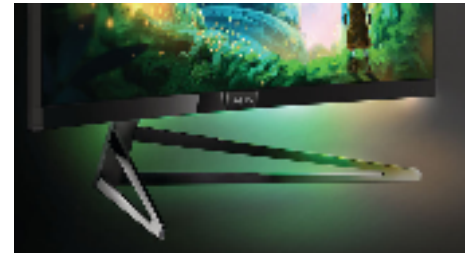
Low Input Lag



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 delay between entering a command from your devices to monitor, greatly improving play on twitch-sensitive video games, particularly important for playing fast-paced, competitive games.

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 colour 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.

DTS Sound™



DTS Sound is an audio-processing solution designed to optimise the playback of music, movies, streaming and games on the PC regardless of form factors. DTS Sound enables an immersive virtual surround sound experience, complete with rich bass and dialogue enhancement and maximised volume levels free of any clipping or distortion.



Specifications

Picture/Display

- Adaptive sync
- LCD panel type: MVA
- 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 392.85 (V)
- Aspect ratio: 16:9
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Pixel Density: 140 PPI
- Response time (typical): 4 ms (Gray to Gray)*
- Brightness: 400 cd/m² (typical), 600 cd/m² (peak) nit
- Contrast ratio (typical): 3000:1
- SmartContrast: 80,000,000:1
- Pixel pitch: 0.181 x 0.181 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage game
- Display colours: Colour support 1.07 billion colours
- Colour gamut (min.): BT. 709 Coverage: 100%*, DCI-P3 Coverage: 98.61%*
- Colour gamut (typical): NTSC 114%*, sRGB 135%*
- HDR: DisplayHDR 600 certified
- Scanning Frequency: 30-160 kHz (H)/40-60 Hz (V)
- sRGB
- Ambiglow
- Low Input Lag
- LowBlue Mode

Connectivity

- Signal Input: HDMI 2.0 x 3, DisplayPort 1.4 x 1
- Sync Input: Separate Sync
- Audio (In/Out): PC audio-in, Headphone out
- USB: USB 3.0 x 4 (2 w/fast charging)*

Convenience

- Built-in Speakers: 5 W x 2 with DTS sound
- MultiView: PIP/PBP mode*, 2 x devices
- User convenience: Menu, Input, SmartImage Game, Volume, Power
- Control software: SmartControl
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Stand

- Height adjustment: 110 mm
- Tilt: -5/20 degree

Power

- Energy Label Class: G
- On mode: 40.57 W (typ.) (EnergyStar test method)
- Standby mode: < 0.5 W (typ.)
- Off mode: < 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: External, 100-240 VAC, 50-60 Hz

Dimensions

- Product with stand (mm): 728 x 604 x 206 mm
- Product without stand (mm): 728 x 432 x 58 mm
- Packaging in mm (W x H x D): 822 x 580 x 394 mm

Weight

- Product with stand (kg): 7.21 kg
- Product without stand (kg): 5.45 kg
- Product with packaging (kg): 11.02 kg

Operating conditions

- Temperature range (operation): 0 to 40 °C
- Temperature range (storage): -20 to 60 °C
- Relative humidity: 20 - 80 %
- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF: 50,000 hrs (excluding backlight) hour(s)

Sustainability

- Environmental and energy: RoHS, EnergyStar 7.0, TCO Certified
- Recyclable packaging material: 100 %
- Specific Substances: Mercury free, PVC/BFR free housing

Compliance and standards

- Regulatory Approvals: CE Mark, CU-EAC, TUV/ISO9241-307, TUV-BAUART, cETLus, FCC Class B

Cabinet

- Colour: Black
- Finish: Glossy

What's in the box?

- Monitor with stand
- Cables: HDMI cable, DP cable, Power cable
- User Documentation



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Version: 5.0.1

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* Response time value equal to SmartResponse
* BT. 709 / DCI-P3 Coverage based on CIE1976
* NTSC Area based on CIE 1976
* sRGB Area based on CIE1931
* Fast charging complies with USB BC 1.2 standard
* The monitor may look different from feature images.