

Philips Gaming Monitor
4K HDR display with
Ambiglow

Momentum

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

326M6VJRGB



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.

Features designed for gamers needs

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

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 halo of light
- Enhanced audio with DTS Sound™

Expand your viewing experience

- UltraClear 4K UHD (3840x2160) resolution for precision
- Ultra Wide-Color wider range of colors for a vivid picture
- DisplayHDR 600 for excellent visual highlights

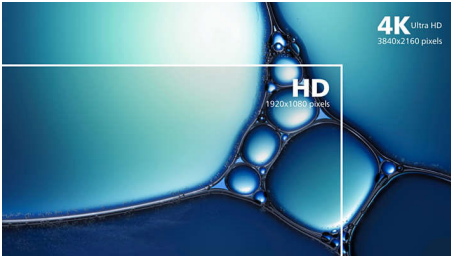
PHILIPS

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

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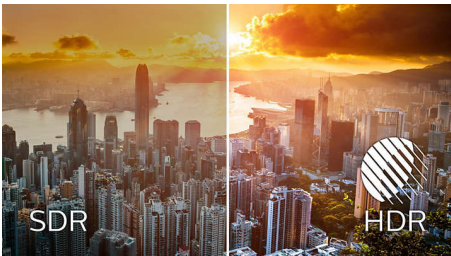
Highlights

UltraClear 4K UHD Resolution



These Philips displays utilize high performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are demanding professional requiring extremely detailed images for CAD solutions, using 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 colors. 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 colors, delivering a visual experience that engages your senses.

Ultra Wide-Color Technology



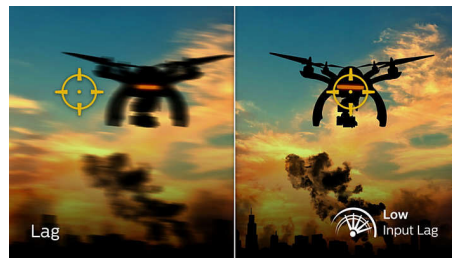
Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color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

Adaptive-Sync technology



Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate 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 improve on playing twitch-sensitive video games, particularly important to whom plays 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 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.

DTS Sound™



DTS Sound is an audio processing solution designed to optimize 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 dialog enhancement and maximized volume levels free of any clipping or distortion.



Specifications

Connectivity

- Signal Input: HDMI 2.0 x 3, DisplayPort 1.4 x 1
- USB: USB 3.0x4 (2 w/fast charging)*
- Sync Input: Separate Sync
- Audio (In/Out): PC audio-in, Headphone out

Picture/Display

- Panel Size: 31.5 inch / 80 cm
- Aspect ratio: 16:9
- LCD panel type: MVA
- Backlight type: W-LED system
- Pixel pitch: 0.181 x 0.181 mm
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 400 cd/m² (typical), 600 cd/m² (peak) nit
- Display colors: Color support 1.07 billion colors
- Color gamut (typical): NTSC 114%*, sRGB 135%*
- Color gamut (min.): BT. 709 Coverage: 100%*, DCI-P3 Coverage: 98.61%*
- Contrast ratio (typical): 3000:1
- SmartContrast: 80,000,000:1
- Response time (typical): 4 ms (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage game
- Effective viewing area: 698.4 (H) x 392.85 (V)
- Scanning Frequency: 30 - 160 kHz (H) / 40 - 60 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 140 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Low Input Lag
- Adaptive sync
- HDR: DisplayHDR 600 certified
- Ambiglow

Convenience

- Built-in Speakers: 5 W x 2 with DTS sound
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: Menu, Input, SmartImage Game, Volume, Power
- 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

- (100x100mm)
- Control software: SmartControl
- MultiView: PIP/PBP mode*, 2x devices

Stand

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

Power

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

Dimensions

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

Weight

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

Operating conditions

- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0 to 40 °C
- MTBF: 50,000 hrs (excluding backlight) hour(s)
- Relative humidity: 20 - 80 %
- Temperature range (storage): -20 to 60 °C

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, PSB

Cabinet

- Color: Black
- Finish: Glossy



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