



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

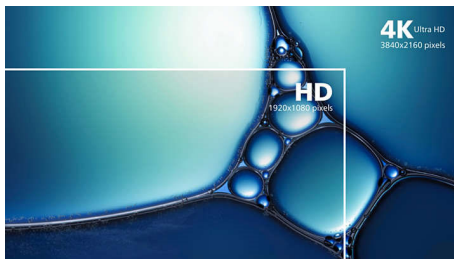
- UltraClear 4K UHD (3840x2160) resolution for precision
- Ultra Wide-Color wider range of colors for a vivid picture
- DisplayHDR 600 for excellent visual highlights

# PHILIPS

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

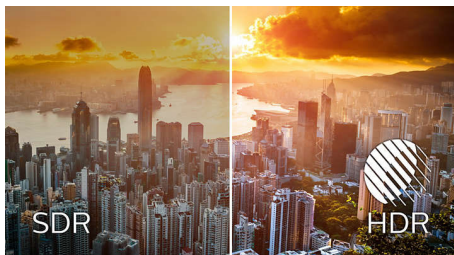
# Highlights

## 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



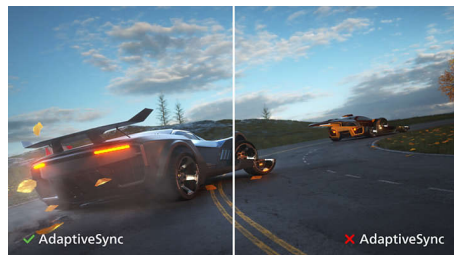
VESA-certified DisplayHDR 600 delivers a dramatically different visual experience. Unlike, other 'HDR compatible' screens, true DisplayHDR 600 produces astonishing brightness, contrast and colors. With the help of local dimming and high peak brightness up to 600 nits, images come to life with notable 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



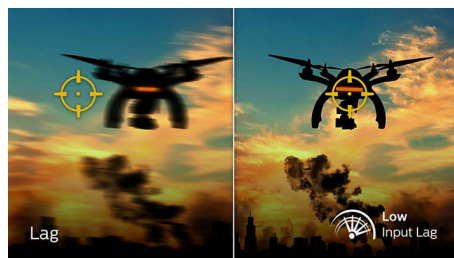
Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color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

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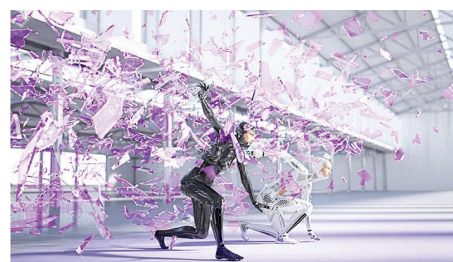
devices and seeing the result on screen. Low input lag reduces the time delay between entering a command from your devices to monitor, greatly improve on playing twitch-sensitive video games, particularly important to whom plays fast-paced, competitive games.

## 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.

**4K**  
Ultra HD

VESA CERTIFIED  
DisplayHDR 600

  
Ultra Wide Color

  
Adaptive-Sync

  
Low Input Lag

  
DTS  
Sound

  
LowBlue Mode

  
Flicker-free

  
Height  
Adjustment

# 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/m<sup>2</sup> (typical), 600 cd/m<sup>2</sup> (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)
- Energy Label Class: G

## 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

## Cabinet

- Color: Black
- Finish: Glossy

## What's in the box?

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



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Version: 5.0.1

EAN: 87 12581 75754 0

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