

# PHILIPS



4K HDR display with  
Ambiglow

Gaming Monitor

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 a halo of light
- Enhanced audio with DTS Sound™

### Expand your viewing experience

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

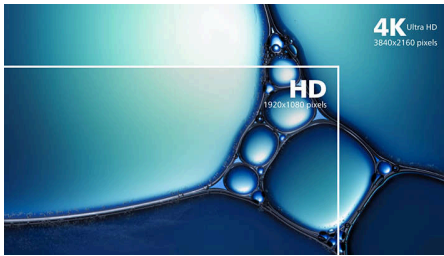
# Gaming Monitor

4K HDR display with Ambiglow

326M6VJRGB/01

## 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



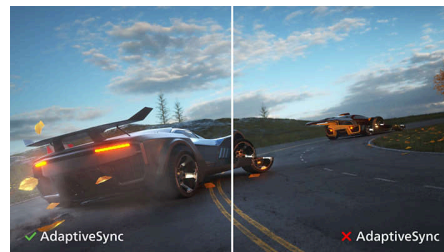
VESA-certified DisplayHDR 600 delivers a dramatically different visual experience. Unlike other "HDR-compatible" screens, true DisplayHDR 600 produces astonishing brightness, contrast and colours. With the help of local dimming and high peak brightness up to 600 nits, images come to life with notable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



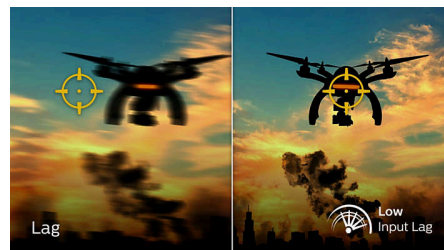
Ultra Wide-Color Technology delivers a wider spectrum of colours for a more brilliant picture. The Ultra Wide-Color wider "colour gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring media entertainment, images and even productivity more alive with vivid colours from Ultra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

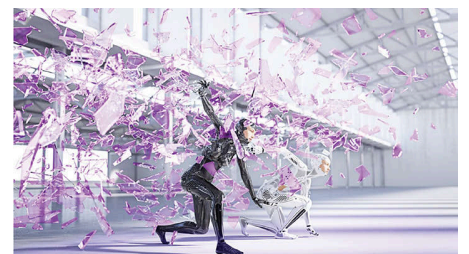
input lag reduces the time delay between entering a command from your devices to monitor, greatly improving play on twitch-sensitive video games, particularly important for playing fast-paced, competitive games.

### 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.

**4K**  
Ultra HD

VESA CERTIFIED  
DisplayHDR® 600

  
Ultra Wide Color

  
Adaptive-Sync

  
Low Input Lag

 **dts**  
Sound

  
LowBlue Mode

  
Flicker-free

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### LowBlue Mode



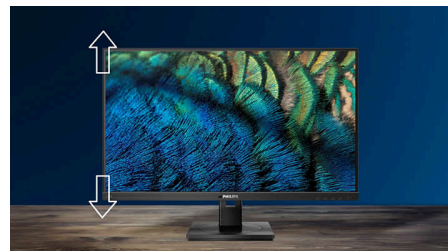
Studies have shown that just as ultra-violet rays can cause eye damage, shortwave-length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, the Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

### Flicker-Free technology



Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

### Height-adjustable Ergo Base



The height-adjustable Ergo Base is a 'people-friendly' Philips monitor base that not only tilts, but is also height adjustable, so that each user can adjust the monitor to their personal preference for maximum viewing comfort and efficiency.

**4K**  
Ultra HD

VESA CERTIFIED  
DisplayHDR 600

  
Ultra Wide Color

  
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 **dts**  
Sound

# Specifications

## 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 colours: Colour support 1.07 billion colours

Colour gamut (typical): NTSC 114%\*, sRGB 135%\*

Colour 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 (Grey to Grey)\*

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

## Connectivity

Signal Input: HDMI 2.0 x 3, DisplayPort 1.4 x 1

USB: USB 3.0 x 4 (2 w/fast charging)\*

Sync Input: Separate Sync

Audio (In/Out): PC audio-in, Headphone out

## Convenience

Built-in Speakers: 5 W x 2 with DTS sound

Plug and 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 (100 x 100 mm)

Control software: SmartControl

MultiView: PIP/PBP mode\*, 2 x devices

## Stand

Height adjustment: 110 mm

Tilt: -5/20 degree

## Power

Power supply: External, 100–240 VAC, 50–60 Hz

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 (flashing)

Energy Label Class: G

## Dimensions

Product with stand (mm): 728 x 604 x 206 mm

Packaging in mm (W x H x D):

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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)

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

Colour: Black

Finish: Glossy

## What's in the box?

Cables: HDMI cable, DP cable, Power cable

Monitor with stand

User Documentation

