

# PHILIPS

Full HD LCD monitor

E Line

32 (31.5"/80 cm diag.)

1920 x 1080 (Full HD)

327E8QJAB



## Expand your experience

Expand your viewing experience with this large Philips display. This wide-view 32" Full HD display delivers an expansive viewing experience with crisp picture details.

### Features designed for you

- DisplayPort connection for maximum visuals
- HDMI ensures universal digital connectivity
- Built-in stereo speakers for multimedia
- Less eye fatigue with Flicker-Free technology

### Greener every day

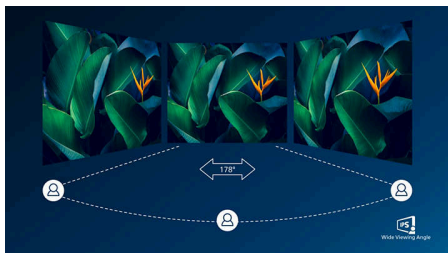
- Mercury Free eco-friendly display
- Eco-friendly materials meet major international standards

### Superb Picture Quality

- SmartContrast for rich black details
- 16:9 Full HD display for crisp, detailed images
- IPS LED wide view technology for image and colour accuracy
- Expansive 31.5-inch brilliant display
- SmartImage game mode optimised for gamers
- Effortlessly smooth gameplay with AMD FreeSync™ technology

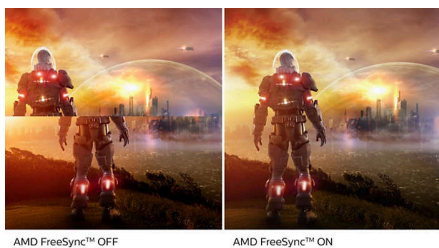
# Highlights

## IPS technology



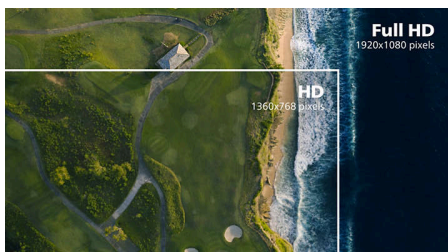
IPS displays use an advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays give you remarkably crisp images with vivid colours, making them ideal not only for Photos, movies and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

## Ultra-smooth gaming



Gaming shouldn't be a choice between choppy gameplay or broken frames. With the new Philips monitor it doesn't have to be. Get fluid, artefact-free performance at virtually any frame rate with AMD FreeSync™ technology, smooth, quick refresh and ultra-fast response time.

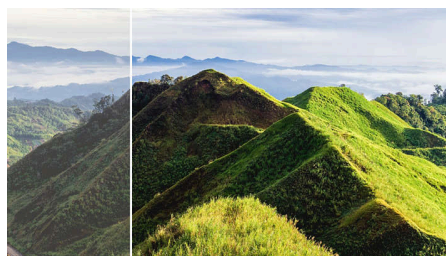
## 16:9 Full HD display



Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080

resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colours, expect a true-to-life picture.

## SmartContrast



SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

## SmartImage Game mode



The new Philips gaming display has quick-access OSD fine-tuned for gamers, offering you multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts the display with the fastest response time and high colour, along with image adjustments. "RTS" mode (Real-time strategy) has a special SmartFrame mode that enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customised settings based on different games, ensuring best performance.

## 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.

## HDMI Ready



An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. An HDMI cable enables high-quality digital video and audio to be transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

## Built-in stereo speakers



A pair of high-quality stereo speakers built into a display device. They may be visible front firing, or invisible down firing, top firing, rear firing etc. depending on model and design.



# Highlights

## DisplayPort connection



DisplayPort is a digital link from PC to monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15 metre cables and 10.8 Gbps/sec data transfer. With this high performance and zero

latency, you get the fastest imaging and refresh rates — making DisplayPort the best choice for not only general office or home use, but also for the more demanding gaming and films, video editing and more. It also keeps interoperability in mind via the use of various adapters.

## Eco-friendly materials

"Philips is committed to using sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models, we use up to 65% post-consumer recycled plastics. Strict adherence to RoHS standards ensures a substantial reduction

or elimination of toxic substances like lead, for example. Mercury content in monitors with a CCFL backlight has been reduced significantly, and has been eliminated completely in monitors with an LED backlight.

## Mercury Free

Philips monitors with LED backlighting are free from Mercury, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its lifecycle, from manufacturing to disposal.



# Specifications

## Picture/Display

Panel Size: 31.5 inch/80 cm  
 Aspect ratio: 16:9  
 LCD panel type: IPS technology  
 Backlight type: W-LED system  
 Pixel pitch: 0.364 x 0.364 mm  
 Optimum resolution: 1920 x 1080 @ 75 Hz  
 Brightness: 250 cd/m<sup>2</sup>  
 Display colours: 16.7 M  
 Contrast ratio (typical): 1200:1  
 SmartContrast: Mega Infinity DCR  
 Response time (typical): 4 ms (Grey to Grey)\*  
 Viewing angle: 178° (H)/178° (V), @ C/R &gt; 10  
 Picture enhancement: SmartImage game  
 Effective viewing area: 698.4 (H) x 392.9 (V)  
 Scanning Frequency: 54–84 kHz (H)/47–78 Hz (V)  
 sRGB  
 Flicker-free  
 Pixel Density: 70 PPI  
 Display Screen Coating: Anti-Glare, 3H, Haze 1%  
 AMD FreeSync™ technology: AMD FreeSync™ technology

## Connectivity

Signal Input: VGA (Analogue), DisplayPort x 1, HDMI (digital, HDCP)  
 Sync Input: Separate Sync, Sync on Green  
 Audio (In/Out): PC audio-in, Headphone out

## Convenience

Built-in Speakers: 3 W x 2  
 Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7  
 User convenience: Power On/Off, Menu, Volume, Input, SmartImage Game  
 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, Ukrainian  
 Other convenience: Kensington lock, VESA mount (75 x 75 mm)

## Stand

Tilt: -5/20 degree

## Power

Power supply: Internal, 100–240 VAC, 50–60 Hz  
 Off mode: < 0.3 W (typ.)  
 On mode: 40.8 W (typ.)  
 Standby mode: < 0.5 W (typ.)  
 Power LED indicator: Operation - White, Standby mode - White (flashing)  
 Energy Label Class: F

## Dimensions

Product with stand (mm): 731 x 529 x 255 mm  
 Packaging in mm (W x H x D): 815 x 615 x 224 mm  
 Product without stand (mm): 731 x 434 x 63 mm

## Weight

Product with packaging (kg): 10.01 kg  
 Product with stand (kg): 6.88 kg  
 Product without stand (kg): 5.92 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, Mercury Free  
 Recyclable packaging material: 100 %

## Compliance and standards

Regulatory Approvals: BSMI, CE Mark, MEPS, RCM, UKRAINIAN, VCCI, CU-EAC, TUV/ISO9241-307

## Cabinet

Colour: Black  
 Finish: Glossy

## What's in the box?

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

