

# PHILIPS

## Full HD Curved LCD display

E Line

32 (31.5" / 80 cm diag.)

1920 x 1080 (Full HD)

322E1CB



## Simply immersive

This VA paneled monitor provides excellent imagery with Full HD resolution. Aside from its picture specs, this monitor is great for all around use with a DisplayPort and HDMI connection.

### Features designed for you

- DisplayPort connection for maximum visuals
- HDMI ensures universal digital connectivity
- Less eye fatigue with Flicker-free technology
- Cable management reduces cable clutter for neat workspace

### Good for Gaming

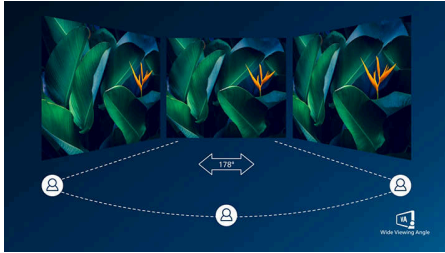
- 1ms (MPRT) fast response for crisp image and smooth gameplay
- 100Hz refresh rates for ultra-smooth images
- Effortlessly smooth action with Adaptive-Sync technology

### Superb Picture Quality

- SmartImage presets for easy optimized image settings
- SmartContrast for deep black level details
- 16:9 Full HD display for crisp detailed images
- VA display delivers awesome images with wide viewing angles

# Highlights

## VA display



Philips VA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

## SmartImage



SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

## 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 colors expect a true to life picture.

## SmartContrast



SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors 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.

## 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.

## DisplayPort connection



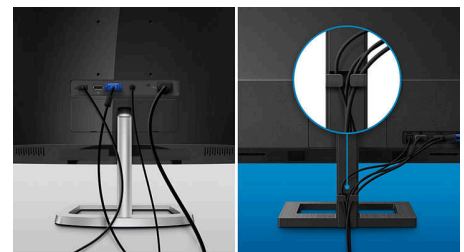
DisplayPort is a digital link from PC to Monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15meter cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates - making DisplayPort the best choice for not only general office or home use, but also for the demanding gaming and movies, video editing and more. It also keeps interoperability in mind via use of various adapters.

## HDMI Ready



An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all 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).

## Cable management

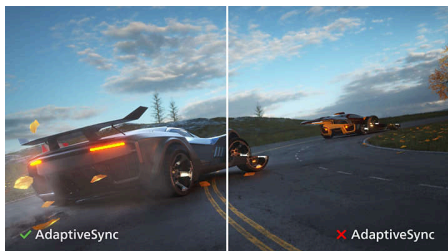


Cable management is an intimate design that maintains tidy workspace by organizing cables and wires required for the operation of a display device.



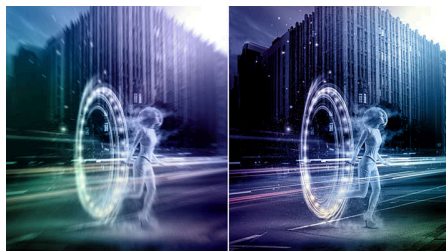
# Highlights

## Adaptive-Sync technology



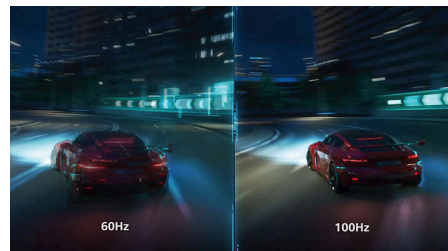
Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate with Adaptive-Sync technology, smooth quick refresh and ultra fast response time.

## 1ms MPRT fast response



MPRT (motion picture response time) is more intuitive way to describe the response time, which directly refers the duration from seeing blurry noise to clean and crisp images. Philips monitor with 1 ms MPRT effectively eliminates smearing and motion blur, delivers sharper and precise visuals to enhance gaming experience. Best choice for playing thrilling and twitch-sensitive games.

## 100Hz Fast refresh



This Philips display refreshes the screen image up to 100 times per second which makes this monitor much faster than a standard display. With a 100Hz frame rate, gamers are able to find those critical images on the screen that show enemy movement in an ultra-smooth motion so that they are easily targetable.



# Specifications

## Picture/Display

**Panel Size:** 31.5 inch / 80 cm  
**Aspect ratio:** 16:9  
**LCD panel type:** VA LCD  
**Backlight type:** W-LED system  
**Pixel pitch:** 0.36375x0.36375mm  
**Brightness:** 300 cd/m<sup>2</sup>  
**Display colors:** 16.7 M  
**Contrast ratio (typical):** 3000:1  
**SmartContrast:** Mega Infinity DCR  
**Response time (typical):** 4 ms (Gray to Gray)\*  
**Viewing angle:** 178° (H) / 178° (V), @ C/R > 10  
**Picture enhancement:** SmartImage game  
**Maximum resolution:** 1920 x 1080 @ 100 Hz  
**Effective viewing area:** 698.4 (H) x 392.85 (V) mm  
 - at a 1500R curvature\*  
**Scanning Frequency:** VGA : 30K - 85 kHz (H) / 48 - 75 Hz (V), HDMI/DP : 30K - 115 kHz (H) / 48 - 100 Hz (V)  
**sRGB**  
**Flicker-free**  
**Pixel Density:** 70 PPI  
**LowBlue Mode**  
**Display Screen Coating:** Anti-Glare, 3H, Haze 40%  
**MPRT:** 1 ms\*  
**Adaptive sync**

## Connectivity

**Signal Input:** VGA (Analog), HDMI 1.4, DisplayPort 1.2  
**Sync Input:** Separate Sync, Sync on Green  
**Audio (In/Out):** Audio out  
**HDCP:** HDCP1.4 (HDMI / DisplayPort)

## Convenience

**Plug & Play Compatibility:** DDC/CI, Mac OS X, sRGB, Windows 11 / 10  
**User convenience:** Power On/Off, Menu, Brightness, Input, SmartImage  
**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 (100x100mm)

## Stand

**Tilt:** -5/20 degree

## Power

**Power supply:** Internal, 100-240VAC, 50-60Hz  
**Off mode:** 0.3 W (typ.)  
**On mode:** 35.2 W (typ.)  
**Standby mode:** 0.5 W (typ.)  
**Power LED indicator:** Operation - White, Standby mode- White (blinking)

## Dimensions

**Product with stand (mm):** 709 x 523 x 281 mm  
**Packaging in mm (WxHxD):** 780 x 610 x 224 mm  
**Product without stand (mm):** 709 x 425 x 88 mm

## Weight

**Product with packaging (kg):** 11.84 kg  
**Product with stand (kg):** 6.74 kg  
**Product without stand (kg):** 5.92 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, Mercury Free  
**Recyclable packaging material:** 100 %

## Compliance and standards

**Regulatory Approvals:** CB, CE Mark, MEPS, UKCA, EMF, FCC, ICES-003

## Cabinet

**Color:** Black  
**Finish:** Textured



\* Radius of the arc of the display curvature in mm  
 \* Response time value equal to SmartResponse  
 \* The maximum resolution works for either HDMI input or DP input.  
 \* MPRT is to adjust brightness for blur reduction, so cannot adjust brightness while MPRT is turned on. To reduce motion blur, LED backlight will strobe synchronously with screen refresh, which may cause noticeable brightness change.  
 \* MPRT is gaming-optimized mode. Turn on MPRT may cause noticeable screen flickering. It is recommended to turn off when you are not using the gaming function.  
 \* The monitor may look different from feature images.  
 \* The products and accessories listed on this leaflet may differ by country and region.