

# PHILIPS

QHD LCD monitor

E Line

27" (68.6 cm)

2560 x 1440 (QHD)

275E2FAE



## Experience true colour, unconstrained visuals

The new Philips E line monitor with 4 sides, narrow border and cable management design offers a stylish enhancement to your workspace. Experience crystal-clear Quad HD visuals, 1 ms and AMD FreeSync™ technology for a smooth gaming action.

### Features designed for you

- EasySelect menu toggle key for quick on-screen menu access
- Built-in stereo speakers for multimedia
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity
- Tilt and height-adjust for an ideal viewing position
- Cable management reduces cable clutter for a neat workspace

### Good for Gaming

- 1 ms (MPRT) fast response for crisp images and smooth gameplay
- Effortlessly smooth gameplay with AMD FreeSync™ technology
- SmartImage game mode optimised for gamers

### Superb Picture Quality

- SmartContrast for rich black details
- IPS LED wide view technology for image and colour accuracy
- Crystal clear images with Quad HD 2560 x 1440 pixels

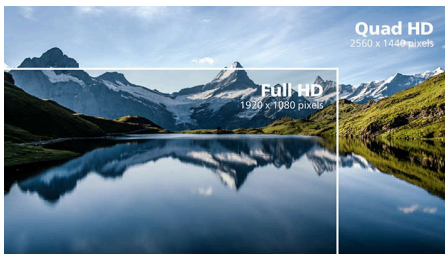
# Highlights

## 4-sided frameless



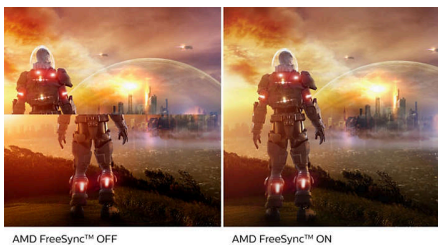
Extremely minimising 4 sided bezels on this virtually frameless display give a minimalist look and offer an expansive viewing experience. Expands your productivity and makes you focus on the vivid images with seamless visions. Significant wide view without distraction and even multi monitor set-up in pivot mode.

## CrystalClear images



These Philips screens deliver CrystalClear, Quad HD 2560 x 1440 or 2560 x 1080 pixel images. Utilising high performance panels with a high-density pixel count enabled by high bandwidth sources, these new displays will make your images and graphics come alive. Whether you are a demanding professional requiring extremely detailed information for CAD-CAM solutions using 3D graphic applications, or a financial wizard working on huge spreadsheets, Philips displays will give you CrystalClear images.

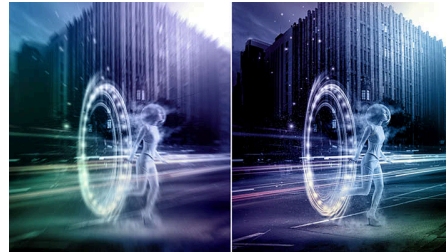
## Ultra-smooth gaming



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.

## 1 ms MPRT fast response



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

## 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



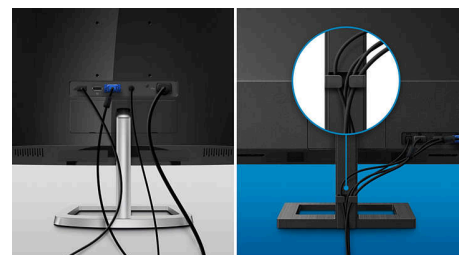
Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

## 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.

## Cable management



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



# Highlights

## EasySelect Menu Toggle Key



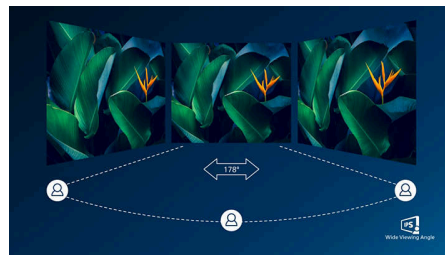
The discreetly placed EasySelect Menu Toggle Key allows you to make quick and easy adjustments to monitor settings in the On-Screen Display menu.

## 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.

## 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.

## 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.



# Specifications

## Picture/Display

**Panel Size:** 27 inch/68.6 cm  
**Aspect ratio:** 16:9  
**LCD panel type:** IPS technology  
**Backlight type:** W-LED system  
**Pixel pitch:** 0.2331 x 0.2331 mm  
**Brightness:** 350 cd/m<sup>2</sup>  
**Display colours:** 16.7 M  
**Colour gamut (typical):** NTSC 101.6%\*, sRGB 115.6%\*  
**Contrast ratio (typical):** 1000:1  
**SmartContrast:** Mega Infinity DCR  
**Response time (typical):** 4 ms (Grey to Grey)\*  
**Viewing angle:** 178° (H)/178° (V), @ C/R > 10  
**Picture enhancement:** SmartImage game  
**Maximum resolution:** 2560 x 1440 @ 75 Hz\*  
**Effective viewing area:** 596.74 (H) x 335.66 (V) mm  
**Scanning Frequency:** 30–144 kHz (H)/48–75 Hz (V)  
**sRGB**  
**Flicker-free**  
**Pixel Density:** 109 PPI  
**LowBlue Mode**  
**Display Screen Coating:** Anti-Glare, 3H, Haze 25%  
**MPRT:** 1 ms  
**EasyRead**  
**AMD FreeSync™ technology**

## Connectivity

**Signal Input:** DisplayPort x 1, HDMI x 2  
**Sync Input:** Separate Sync  
**Audio (In/Out):** Audio 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 (100 x 100 mm)

## Stand

**Height adjustment:** 100 mm  
**Tilt:** -5/20 degree

## Power

**Power supply:** External, 100–240 VAC, 50–60 Hz  
**Off mode:** 0.3 W (typ.)  
**On mode:** 18.55 W (typ.) (EnergyStar test method)  
**Standby mode:** 0.5 W (typ.)  
**Power LED indicator:** Operation - White, Standby mode - White (flashing)  
**Energy Label Class:** F

## Dimensions

**Packaging in mm (W x H x D):** 678 x 504 x 153 mm  
**Product without stand (mm):** 614 x 354 x 38 mm  
**Product with stand (max height):** 614 x 475 x 234 mm

## Weight

**Product with packaging (kg):** 7.59 kg  
**Product with stand (kg):** 5.23 kg  
**Product without stand (kg):** 3.43 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:** EnergyStar 8.0, TCO Certified, RoHS, Mercury Free  
**Recyclable packaging material:** 100 %

## Compliance and standards

**Regulatory Approvals:** EPA, CB, TUV/ISO9241-307, TUV-BAUART, CU-EAC, EAEU RoHS, CE Mark, FCC Class B, ICES-003

## Cabinet

**Colour:** Black  
**Finish:** Textured

## What's in the box?

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

