



Philips Brilliance  
LCD monitor with  
Webcam, MultiView

Quad HD  
27" (68.6 cm)  
2560 x 1440 display

272C4QPKAB

## Crystalclear images, maximum performance

with MultiView

This Philips 27" display will amaze you with its Crystalclear Quad HD 2560x1440 images and brilliant colours. MultiView allows active dual connect and view. Its 2mp webcam enables you to socialise.

### Sustainable Eco-design

- PVC-BFR free housing
- PowerSensor saves up to 80% energy costs

### Easy to experience

- SmartImage pre-sets for easy optimised image settings
- SmartKolor for rich vibrant images
- SmartTxt for an optimised reading experience

### Brilliant performance

- Built-in stereo speakers for multimedia
- PLS Quad HD technology ensures 8 bit colour, 109 ppi images
- MultiView enables active dual connect and view at the same time
- Webcam and mic keeps you connected with family and friends
- SmartConnect with HDMI, Display port and Dual link DVI
- Crystal clear images with Quad HD 2560 x 1440 pixels

# PHILIPS

LCD monitor with Webcam, MultiView  
Quad HD 27" (68.6 cm), 2560 x 1440 display

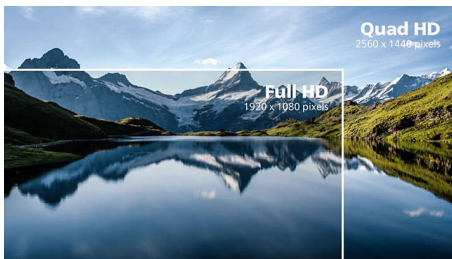
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# Highlights

## PLS Quad HD

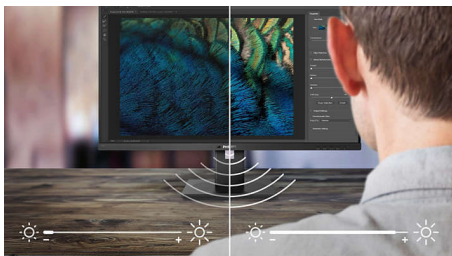
This professional Philips display uses the latest PLS Quad HD panel giving you ultra high-res brilliant wide angle images with 2560x1440 pixel resolution. With excellent 8 bit colour depth combined with 109 ppi density, you can now enjoy professional true colour sRGB images compared to limited 6 bit colour depth displays with 82ppi density. Its higher brightness and lower power consumption compared to conventional wide view angle displays ensure you always have brilliant performance, while saving energy too. It is best suited for professional applications like CAD, Graphics design, Image rendering etc.

## CrystalClear images



These latest Philips screens deliver CrystalClear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilising high-performance panels with a high-density pixel count, enabled by high-bandwidth sources like DisplayPort, HDMI, Dual link DVI, 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.

## PowerSensor



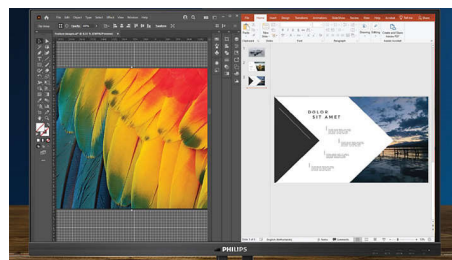
PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared

signals to determine if the user is present and then automatically reduces monitor brightness when the user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life

## Socialise with webcam

Embedded 2 megapixel webcam with superb, bright and crisp images enables you to socialise with your family and friends. Its sensitive microphone ensures that your voice carries through clearly. You can hear clear audio either from its built-in stereo speakers, or attach your own headphones for private conversations. This simple built-in solution ensures you don't have to get in a tangle anymore with installing a camera and positioning microphones.

## MultiView technology



With the ultra-high resolution Philips MultiView display you can now experience a world of connectivity in comfort whether at the office or at home. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and Notebook side-by-side simultaneously, making complex multi-tasking work a breeze. Watching live football feeds from your set-top box on the right-hand side, while browsing the Internet from your notebook on the left is now easy. You may want to keep an eye on the live news feed with audio in the small window, while working on your latest blog.

## SmartConnect

With a plethora of connectivity, these Philips displays come equipped with multiple connections like Dual link DVI, Display Port and universal HDMI connector, enabling you to enjoy high-resolution uncompressed video and audio content. Regardless of what source you use, you can rest assured that this Philips

display will ensure your investment is not made obsolete any time soon!

## SmartImage



SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and optimises your 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 optimises the contrast, colour saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time at the touch of a single button!

## SmartKolor



SmartKolor is a sophisticated colour extension technology that is able to enhance the visual colour range of the display. By boosting the RGB gain level of the display, you can achieve rich, vibrant images to experience outstanding photos and videos.



Wide Viewing Angle



Quad HD



PowerSensor



Webcam



Multiview



SmartConnect



SmartImage



SmartKolor



SmartText

# Specifications

## Connectivity

- Signal Input: DVI-Dual Link (digital, HDCP), DisplayPort x 1, HDMI x 2
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

## Picture/Display

- Panel Size: 27 inch/68.6 cm
- Aspect ratio: 16:9
- LCD panel type: PLS LCD
- Backlight type: W-LED system
- Pixel pitch: 0.233 x 0.233 mm
- Optimum resolution: 2560 x 1440 @ 60Hz
- Brightness: 300 cd/m<sup>2</sup>
- Display colours: 16.7 M (True 8 bit)
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 12 ms
- Viewing angle: 178° (H)/178° (V), @ C/R &gt; 10
- Picture enhancement: SmartImage
- Effective viewing area: 596.74 x 335.66 mm
- Scanning Frequency: 30 - 90 kHz (H) / 56 - 75 Hz (V)
- sRGB
- SmartResponse (typical): 6 ms (Grey to Grey)

## Convenience

- Built-in Speakers: 2 W x 2
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8/7/XP
- User convenience: SmartImage, Menu, Multi-view, Power On/Off, PowerSensor
- 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)
- MultiView: PIP/PBP mode, 2 x devices
- Built-in webcam: 2.0 megapixel camera with microphone and LED indicator

## Stand

- Tilt: -5/20 degree

## Power

- Power supply: 100–240 VAC, 50–60 Hz, Built-in
- Off mode: Zero watts with Zero switch
- On mode: 38 W (EnergyStar 6.0 test method)
- Standby mode: 0.4W (typ)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

## Dimensions

- Product with stand (mm): 639 x 495 x 197 mm
- Packaging in mm (W x H x D): 712 x 557 x 132 mm
- Product without stand (mm): 639 x 405 x 64 mm

## Weight

- Product with packaging (kg): 8.40 kg
- Product with stand (kg): 6.30 kg
- Product without stand (kg): 5.60 kg

## Operating conditions

- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%–80% %
- Temperature range (storage): -20°C to 60°C °C

## Sustainability

- Environmental and energy: EnergyStar 6.0, PowerSensor, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: PVC/BFR free housing, Mercury free

## Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, cETLus, FCC Class B, GOST, SASO, SEMKO, TUV Ergo, TUV/GS, WEEE

## Cabinet

- Finish: Texture
- Foot: Black
- Front bezel: Black
- Rear cover: Black



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