



Philips  
IPS LED monitor with  
PowerSensor

**E Line**  
21.5" (54.6 cm)

**227E3QPHSU**

## High performance IPS display with PowerSensor

### saves energy bills

Experience brilliant LED pictures on this IPS wide-view display. With elegant design, translucent blue bezel, HDMI and Innovative PowerSensor that detects your presence saving up to 80% of your energy bill, it's a smart green choice

#### **Great picture quality**

- IPS LED wide view technology for image and colour accuracy
- 16:9 Full HD display for the best viewing experience
- SmartContrast 20,000,000:1 for incredible rich black details

#### **Design that complements any interior**

- Elegant, slim design complements your home decor
- Translucent blue bezel with glossy finish
- Modern Touch controls

#### **Experience true multimedia**

- HDMI-ready for Full HD entertainment

#### **Greener every day**

- PowerSensor ensures lower operating costs by saving energy
- Mercury Free eco-friendly display

# PHILIPS

IPS LED monitor  
E Line 21.5" (54.6 cm)

# Highlights

## IPS technology



IPS displays use advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle — even in 90-degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colours, making it ideal not only for Photos, films and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

## PowerSensor



PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if user is present and automatically reduces monitor brightness when user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life.

## 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).

## 16:9 Full HD



The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future-proof as it supports 1080p signals from all sources, including the most recent sources such as Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colours.

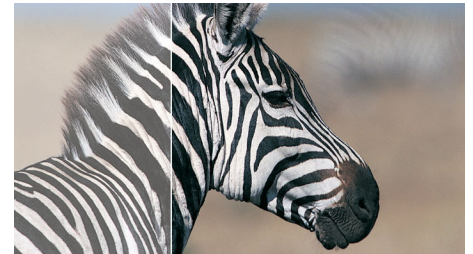
## Mercury Free

Philips monitors with LED backlighting are free from Mercury, one of the most toxic natural substances, which affects humans and animals.

227E3QPHSU/00

This reduces the environmental impact of the display throughout its lifecycle, from manufacturing to disposal.

## SmartContrast ratio 20,000,000:1



You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight-boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

## Touch controls



Touch controls are intelligent, touch-sensitive icons that replace protruding buttons to allow users to adjust the monitor to their requirements. Responding to the lightest touch, Touch control gives the monitor a modern feel.

## Slim design

Elegant, slim design complements your home decor



# Specifications

## Picture/Display

- LCD panel type: IPS
- Backlight type: W-LED system
- Panel Size: 21.5 inch/54.6 cm
- Effective viewing area: 475.2 (H) x 267.3 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- SmartResponse (typical): 7 ms (Grey to Grey)
- Brightness: 250 cd/m<sup>2</sup>
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.248 x 0.248 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage Lite
- Display colours: 16.7 M
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- sRGB

## Connectivity

- Signal Input: VGA (Analogue), DVI-D (digital, HDCP), HDMI
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): HDMI audio out

## Convenience

- User convenience: Power On/Off, Menu, PowerSensor, Input, SmartImage Lite
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish, Turkish
- Other convenience: Kensington lock
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP

## Stand

- Tilt: -5/20 degree

## Power

- On mode: 25 W (typ.) (EnergyStar 5.0 test

method)

- Standby mode: <0.5 W
- Off mode: < 0.5 W
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: 100-240 VAC, 50-60 Hz, Built-in

## Dimensions

- Product with stand (mm): 534 x 408 x 216 mm
- Product without stand (mm): 534 x 336 x 41 mm
- Packaging in mm (W x H x D): 580 x 494 x 106 mm

## Weight

- Product with stand (kg): 3.68 kg
- Product without stand (kg): 3.46 kg
- Product with packaging (kg): 4.96 kg

## Operating conditions

- Temperature range (operation): 0°C to 40°C °C
- Temperature range (storage): -20°C to 60°C °C
- Relative humidity: 20%–80% %
- MTBF: 30,000 hour(s)

## Sustainability

- Environmental and energy: EPEAT Silver, RoHS, EnergyStar 5.0, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

## Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, PSB, SASO, SEMKO, TCO certified, TUV Ergo, TUV/GS, UL/cUL, WEEE

## Cabinet

- Colour: Black with blue tint
- Finish: Glossy



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