



Philips  
IPS LED monitor

**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 upto 80% of your energy bill, it's a smart green choice

#### **Great picture quality**

- 16:9 Full HD display for best viewing experience
- SmartContrast 20000000:1 for incredible rich black details
- IPS LED wide view technology for image and color accuracy

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

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

#### **Greener everyday**

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

#### **Experience true multimedia**

- HDMI-ready for Full HD entertainment

# PHILIPS

# Highlights

## IPS technology



IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, 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 colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color 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. 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).

## 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 like 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 colors.

## Mercury Free

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

impact of the display throughout its life-cycle, from manufacturing to disposal.

## SmartContrast ratio 20000000:1



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 blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

## Touch controls



Touch controls are intelligent, touch sensitive icons that replace protruding buttons that lets the user adjust the monitor to their requirement. Responding to your lightest touch, Touch control gives the monitor a modern feel.

## Translucent blue bezel

Translucent blue bezel with glossy finish

## Slim design

Elegant, slim design complements your home decor

# Specifications

## Picture/Display

- Panel Size: 21.5 inch / 54.6 cm
- Aspect ratio: 16:9
- LCD panel type: IPS
- Backlight type: W-LED system
- Pixel pitch: 0.248 x 0.248 mm
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 250 cd/m<sup>2</sup>
- Display colors: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Viewing angle: 178° (H) / 178° (V), @ C/R &gt; 10
- Picture enhancement: SmartImage Lite
- Effective viewing area: 475.2(H)x267.3(V)
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- sRGB
- SmartResponse (typical): 7ms (Grey to Grey)

## Connectivity

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

## Convenience

- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP
- 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

## Stand

- Tilt: -5/20 degree

## Power

- Power supply: 100-240VAC, 50-60Hz, Built-in
- Off mode: < 0.5 W
- On mode: 25W (typ.) (EnergyStar 5.0 test method)
- Standby mode: < 0.5W
- Power LED indicator: Operation - White, Standby mode- White (blinking)

## Dimensions

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

## Weight

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

## Operating conditions

- 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: EPEAT Silver, RoHS, EnergyStar 5.0, 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

- Color: Black with blue tint
- Finish: Glossy



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