



Philips  
LED monitor with Touch  
Control

21.5" (54.6 cm) E-line

Full HD

221EL2SB

## Slim, attractive LED display with natural colours

With a slim, attractive design, this new generation 221EL2 Full HD LED display with SmartContrast and SmartImage Lite is a great choice for all your needs

### Great picture quality

- LED technology ensures natural colours
- Full HD LCD display, 1920 x 1080p resolution
- 16:9 display for best widescreen gaming and video
- SmartContrast 20,000,000:1 for incredible rich black details

### Design that complements any interior

- Slim design for a modern look
- Glossy finish to enhance your decor
- Modern Touch controls
- Small footprint to blend into any lifestyle

### Environmentally friendly green design

- Energy Star for energy efficiency and low power consumption
- Eco-friendly materials that meets international standards

### Great convenience

- Easy picture format control switching between wide and 4:3 formats

**PHILIPS**  
sense and simplicity

# Highlights

## Slim design

The new range of Philips monitors use the latest new generation Slim CCFL or LED, thereby allowing designs to be much slimmer than the previous generation. Slim looks not only allow the monitors to look aesthetically pleasing, but also save space on the desk!!

## LED technology

White LEDs are solid state devices which light up to full, consistent brightness faster, saving startup time. LEDs are free from Mercury content which allows for eco-friendly recycling and disposal process. LEDs allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

## Full HD 1920 x 1080p LCD display

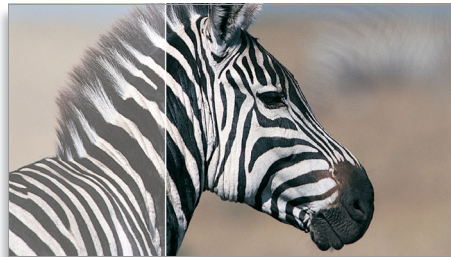
This display has a resolution that is referred to as Full HD. With state-of-the-art LCD screen technology it has the full high-definition widescreen resolution of 1920 x 1080p. It allows the best possible picture quality from any format of HD input signal. It produces brilliant flicker-free pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

## 16:9 widescreen aspect ratio

An aspect ratio is an expression of a video image's width compared to its height. The 16:9 widescreen aspect ratio is standard for universal to high-definition television and European digital television. A native 16:9 aspect ratio means outstanding game and video display without bars at top and bottom of the picture and without the quality loss than comes

from scaling, altering an image to fit on a different screen size.

## 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

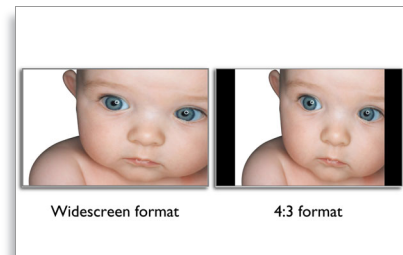
Touch controls are intelligent, touch sensitive icons that replace protruding buttons that lets the user adjust the monitor to their requirement. Responding to your lightest touch, Touch control gives the monitor a modern feel

## Energy Star 5.0

Energy Star is a US EPA sponsored energy efficiency programme also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards and which operates with maximum power efficiency at all operational levels. New Philips monitors are certified for Energy Star 5.0

specifications and meet or exceed the standard. For example, in sleep mode Energy Star 5.0 requires less than 1 Watt power consumption, whereas Philips monitors consume less than 0.5 Watts. Further details can be obtained from [www.energystar.gov](http://www.energystar.gov)

## Easy picture format control



Philips easy picture format control on OSD switches from the 4:3 aspect ratio to the widescreen mode and back again to match the display's aspect ratio with your content; it allows you to work with wide documents without scrolling or viewing widescreen media in the widescreen mode and gives you distortion-free, native mode display of 4:3 ratio content.

## Eco-friendly materials

With sustainability as a strategic driver of its business, Philips is committed to using eco-friendly materials across its new product range. Lead-free materials are used across the range. All body plastic parts, metal chassis parts and packing material uses 100% recyclable material. A substantial reduction in mercury content in lamps has been achieved. We strictly adhere to RoHs standards which ensure that all hazardous material is removed. You can read more about sustainability and Philips @ <http://www.asimpleswitch.com/global/>



# Specifications

## Picture/Display

- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 21.5 inch/54.6 cm
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Response time (typical): 5 ms
- Brightness: 250 cd/m<sup>2</sup>
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.248 x 0.248 mm
- Viewing angle: 176° (H)/170° (V), @ C/R > 5
- 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)
- Sync Input: Separate Sync, Sync on Green

## Convenience

- User convenience: SmartImage lite, Menu, Input, Auto, Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese, Turkish
- Other convenience: Kensington lock
- Plug and Play Compatibility: DDC/CI, Mac OS X, Windows 7/Vista/XP/2000/98

## Stand

- Tilt: -3/+12 degree

## Power

- On mode: < 19.3 W (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: External

## Dimensions

- Product with stand (mm): 376 x 526 x 188 mm
- Product without stand (mm): 370 x 526 x 42 mm
- Packaging in mm (W x H x D): 436 x 578 x 134 mm

## Weight

- Product with stand (kg): 3.10 kg
- Product without stand (kg): 2.97 kg
- Product with packaging (kg): 4.36 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: EnergyStar 5.0, EPEAT Silver, RoHS
- Recyclable packaging material: 100 %

## Compliance and standards

- Regulatory Approvals: CE Mark, FCC, Class B, UL/cUL, GOST

## Cabinet

- Colour: Black/Black
- Finish: Glossy



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