



Philips Brilliance  
LCD monitor with Ergo  
base, USB, Audio

56 cm (22") w B-line  
Format 16:10

**Brilliance**

**220B1CS**

## Ergonomic business display enhances productivity

With features like SmartImage, Front Stereo Audio, USB port and Ergo base, the energy efficient 220B1 business display enhances your productivity

### **Sustainable Eco-friendly solution**

- Energy Star for energy efficiency and low power consumption
- Eco-friendly materials that meet international standards
- EPEAT Silver ensures lower impact on environment

### **Outstanding display performance**

- SmartImage: Optimised user-friendly display experience
- SmartContrast: For incredible rich black details
- TrueVision: Laboratory quality display performance

### **Ergonomic design**

- 70 mm height adjustment for ideal sitting position
- Tilt and swivel adjustment for the ideal viewing angle

### **Great convenience**

- Built in stereo audio for multimedia experience
- USB port to enhance multimedia experience
- Hassle-free display performance tuning with SmartControl II

**PHILIPS**

# Highlights

## Built-in stereo audio

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.

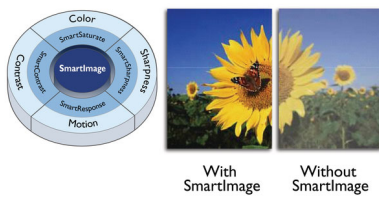
## 70 mm height adjustment

The Compact Ergo Base is a 'people friendly' Philips monitor base that tilts, swivels and is height adjustable so each user can position the monitor for maximum viewing comfort and efficiency.

## Screen tilt and swivel

Screen tilt and swivel mechanism built into the base permits the monitor to swivel and tilt backwards or forwards.

## SmartImage



SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and gives you optimised display performance. This user-friendly interface allows you to select various modes like Office, Image, Entertainment, 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 with the press of a single button!

## SmartControl II

SmartControl II is monitor-based software with an easy-to-use on-screen graphic interface that guides you through fine-tuning resolution, colour calibration and other display settings including brightness, contrast, clock and phase, position, RGB, white point and - on models with onboard speakers - volume adjustments.

## TrueVision



TrueVision is an industry leading, proprietary Philips testing and algorithm technology for the adjustment and fine-tuning of monitors, an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements, for each monitor that leaves the factory - not just a few review samples. Only Philips goes to these lengths to deliver this exacting level of colour accuracy and display quality in every new monitor.

## EPEAT Silver

Philips EPEAT Silver certified monitors ensure protection for human health and the environment, and are highly energy efficient ensuring low emissions of climate changing

green house gases. The EPEAT programme helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by the US EPA. EPEAT Silver is valid only where Philips registers the product. Please visit [www.epeat.net](http://www.epeat.net) for registration status in your country.

## Eco-friendly materials

"Philips is committed to using sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilise up to 65% post-consumer recycled plastics. Strict adherence to RoHS standards ensures substantial reduction or elimination of toxic substances like lead, for example. Mercury content in monitors with CCFL backlights has been reduced significantly and eliminated completely in monitors with LED backlights. Visit Philips at <http://www.asimpleswitch.com/global/> to learn more.

## 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)



# Specifications

## Picture/Display

- LCD panel type: TFT-LCD
- Panel Size: 22 inch/55.9 cm
- Aspect ratio: 16:10
- Viewing angle: 176° (H)/170° (V), @ C/R > 5
- Pixel pitch: 0.282 x 0.282 mm
- Picture enhancement: SmartImage
- Brightness: 250 cd/m<sup>2</sup>
- SmartContrast: 25000:1
- Response time (typical): 5 ms
- Optimum resolution: 1680 x 1050 @ 60 Hz
- 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)
- USB: USB 2.0 x 1
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): Stereo Audio

## Convenience

- Built-in Audio: 1.5 W x 2
- User convenience: SmartImage, Audio, Brightness, Menu, Auto, Power On/Off
- OSD Languages: English, French, German, Spanish, Italian, Russian, Simplified Chinese, Portuguese
- Other convenience: VESA mount (100 x 100 mm), Kensington lock
- Plug and Play Compatibility: DDC/CI, Mac OS X, Windows 7/Vista/XP/2000/98, sRGB

## Stand

- Height adjustment: 70 mm
- Swivel: -45/+45 degree
- Tilt: -5/20 degree

## Power

- ECO mode: <17.5 W
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Built-in, 100-240 VAC, 50/60 Hz
- On mode: 22.23 W (EnergyStar 5.0 test method)
- Standby mode: < 0.5 W
- Off mode: < 0.5 W

## Dimensions

- Product with stand (mm): 446 x 502 x 228 mm
- Product without stand (mm): 346 x 502 x 58 mm
- Packaging in mm (W x H x D): 480 x 562 x 168 mm

## Weight

- Product with stand (kg): 5.2 kg
- Product without stand (kg): 4.1 kg
- Product with packaging (kg): 6.9 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: 50,000 hour(s)

## Sustainability

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

## Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC, Class B, GOST, SEMKO, TCO 5.0, TUV/GS, TUV Ergo, UL/cUL

## Cabinet

- Colour: Silver/Black
- Finish: Texture



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