Philips
LED monitor with 2 ms

21.5" (54.6 cm) C-line
Full HD

226CL2SB

Stylish, Full HD LED display with natural colours

With a Slim, Stylish design, the new generation 226CL2 Full HD LED display with 2 ms SmartResponse Turbo and stylish SmartTouch controls is ready to engage you in the gaming and movie world

Great picture quality
- LED technology ensures natural colours
- SmartResponse of 2 ms
- 16:9 display for best widescreen gaming and video
- SmartContrast 20,000,000:1 for incredible rich black details
- SmartImage: Optimised user-friendly display experience

Design that complements any interior
- Slim design for a modern look
- Glossy finish to enhance your decor
- Stylish SmartTouch controls

Environmentally friendly green design
- Energy Star for energy efficiency and low power consumption
- Eco-friendly materials that meet international standards

Great convenience
- Easy display performance tuning with SmartControl Premium

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Highlights

LED technology

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

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!!
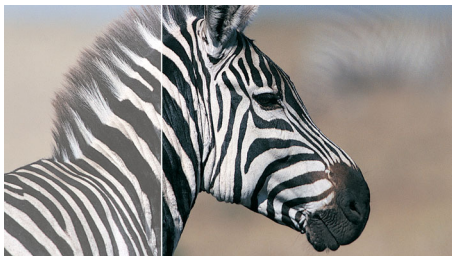
SmartResponse - 2 ms

2ms GtG response time   > 2ms GtG response time

SmartResponse is an exclusive Philips overdrive technology that when turned on, automatically adjusts response times to specific application requirements like gaming and films, which require faster response times in order to produce judder, time-lag and ghost image free images
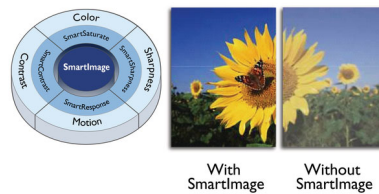
SmartContrast ratio 20,000,000:1

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.

SmartImage

With SmartImage   Without 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!

SmartTouch controls

SmartTouch controls are intelligent, touch sensitive icons that replace protruding buttons. Responding to your lightest touch, SmartTouch controls, for example, power up your monitor or brighten and sharpen your display with SmartImage Lite. When activated, SmartTouch icons glow to indicate that your commands have been implemented.

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.

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

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.

LED   SmartImage™   SmartResponse 2ms   Full HD 1080p   20,000,000:1 SmartContrast   SmartTouch

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
- SmartResponse: 2 ms (Grey to Grey)
- Brightness: 250 cd/m²
- 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
- Display colours: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H)/56 -75 Hz (V)
- sRGB

Connectivity
- Signal Input: VGA (Analogue), DVI-D
- Sync Input: Separate Sync, Sync on Green

Convenience
- User convenience: SmartImage, Menu, Input, Power On/Off, Turbo
- 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, sRGB, Windows 7/Vista/XP

Stand
- Tilt: -3/+12 degree

Power
- On mode: <18 W (EnergyStar 5.0 test method)

- Standby mode: <0.3 W
- Off mode: <0.3 W
- Power LED indicator: Operation - White, Standby/ sleep-white (flashing)
- Power supply: External

Dimensions
- Product with stand (mm): 515 x 399 x 198 mm
- Product without stand (mm): 515 x 327 x 43 mm
- Packaging in mm (W x H x D): 562 x 467 x 109 mm

Weight
- Product with stand (kg): 3.0 kg
- Product without stand (kg): 2.8 kg
- Product with packaging (kg): 4.5 kg

Operating conditions
- Temperature range (operation): 3 to 40 °C
- Temperature range (storage): -20 to 60 °C
- Relative humidity: 20%–80% %
- MTBF: 30,000 hour(s)

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

Compliance and standards
- Regulatory Approvals: BSMI, GOST, CE Mark, FCC, Class B, UL/cUL

Cabinet
- Colour: Black/Black
- Finish: Glossy

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