



Philips Brilliance  
IPS LCD monitor, LED  
backlight

**Blade 2**  
21.5" (54.6 cm)  
Full HD display

**229C4QHSB**

## Stunningly beautiful

Ultra Slim high performance IPS display

The new Philips Blade 2 monitor with stylish, ultra slim design and wide view IPS display is ready for brilliant performance

### Brilliant performance

- IPS LED wide view technology for image and color accuracy
- HDMI-ready for Full HD entertainment
- SmartImage: Optimized user-friendly display experience
- SmartKolor for rich vibrant images
- SmartTxt for a optimized reading experience
- SmartContrast 20000000:1 for incredible rich black details

### Design that complements any interior

- Modern Touch controls
- Stylish, ultra-slim design for modern looks
- Superb glossy finish with distinctive features

### Greener everyday

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

# PHILIPS

IPS LCD monitor, LED backlight  
Blade 2 21.5" (54.6 cm), Full HD display

229C4QHSB/00

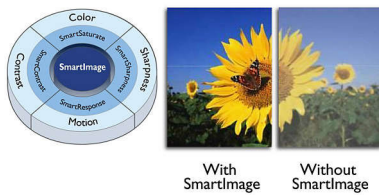
# Highlights

## 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.

## SmartImage



SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized 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 optimizes the contrast, color 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!

## Stylish, ultra-slim design

New range of Philips monitors use the latest new generation ultra-slim LED, thereby allowing designs to be much more slimmer than previous generation. Slim looks not only

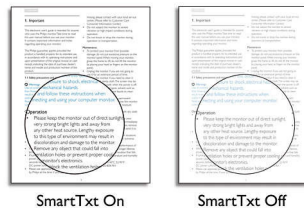
allow the monitors to look asthetically pleasing, but also saves space on the desk!!

## SmartKolor



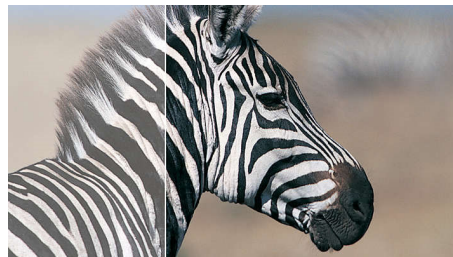
SmartKolor is a sophisticated color extension technology that is able to enhance visual color range of the display. By boosting RGB gain level of the display, this feature enables you to have rich, vibrant images for experiencing outstanding photos and videos.

## SmartTxt



SmartTxt is a sophisticated algorithm that enhances reading of text based application such as PDF documents or ebooks which usually requires more focus and concentration.

## SmartContrast ratio 2000000:1



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.

## HDMI Ready



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).

## 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.

## Eco-friendly materials

"Philips is committed to use 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 utilize upto 65% post consumer recycled plastics. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead, for example. Mercury content in monitors with CCFL backlight has been reduced significantly, while eliminated in monitors with LED backlight completely. Visit Philips @ <http://www.asimpleswitch.com/global/> to learn more.



# Specifications

## Connectivity

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

## Picture/Display

- Panel Size: 21.5 inch/54.6 cm
- Aspect ratio: 16:9
- LCD panel type: IPS LCD
- Backlight type: W-LED system
- Pixel pitch: 0.248 x 0.248 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- 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 > 10
- Picture enhancement: SmartImage
- Effective viewing area: 475.2 (H) x 267.3 (V)
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 75 Hz (V)
- sRGB
- SmartResponse (typical): 7 ms (Gray to Gray)

## Convenience

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

## Stand

- Tilt: -3/+15 degree

## Power

- Power supply: External, 100-240VAC, 50-60Hz

- Off mode: <math>\leq 0.3\text{W}</math>
- On mode: 25 W (EnergyStar 5.0 test method)
- Standby mode: <math>\leq 0.3\text{W}</math>
- Power LED indicator: Operation - White, Standby mode- White (blinking)

## Dimensions

- Product with stand (mm): 509 x 401 x 180 mm
- Packaging in mm (WxHxD): 565 x 533 x 139 mm
- Product without stand (mm): 509 x 316 x 34 mm

## Weight

- Product with packaging (kg): 4.67 kg
- Product with stand (kg): 2.73 kg
- Product without stand (kg): 1.74 kg

## Operating conditions

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

## Sustainability

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

## Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SASO, SEMKO, TUV/ISO9241-307, UL/cUL, WEEE

## Cabinet

- Finish: Glossy
- Foot: Black
- Front bezel: Black
- Rear cover: Black



Issue date 2024-03-24

Version: 3.0.1

EAN: 87 12581 63758 3

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