



Philips Brilliance  
LED-backlit LCD monitor

### S Line

22 (21.5" / 54.6 cm diag.)  
1920 x 1080 (Full HD)

221S6QMB

## Essential features, efficient performance

for maximum productivity

The Philips ergonomic AH-IPS Display using 25% recycled materials and PVC, BFR-free housing is ideal for eco-friendly productivity.

#### Designed for people

- SmartErgoBase enables people-friendly ergonomic adjustments
- Low bezel-to-table height for maximum reading comfort
- VESA mount allows for flexibility

#### Great performance

- SmartContrast gives enhanced rich black details
- Less eye fatigue with Flicker-free technology
- AH-IPS display for brilliant images with vivid colors
- SmartImage presets for easy optimized image settings

#### Sustainable Eco-design

- SmartPower: Up to 50% power saving

#### Easy to experience

- Built-in stereo speakers for multimedia

# PHILIPS

# Highlights

## AH-IPS technology



This latest Philips display uses advanced AH-IPS panels resulting in superior color reproduction, response time and power consumption. Unlike standard TN panels, AH-IPS panels show consistent color even at 178 degrees wide angles and in pivot mode. With remarkable performance, AH-IPS is best suited for applications demanding color accuracy and consistent brightness at all times like photo retouching, graphics applications and web browsing.

## Flicker-free technology



Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

## Built-in stereo speakers



A pair of high quality stereo speakers built into a display device. It can be visible front firing, or

invisible down firing, top firing, rear firing, etc depending on model and design.

## SmartImage



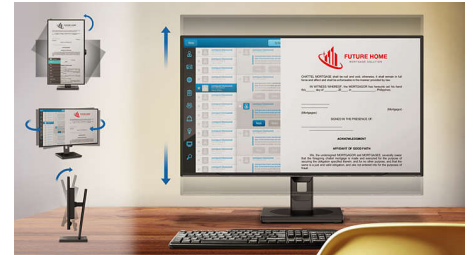
SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based 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!

## SmartContrast



SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

## SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

## Low bezel-to-table height

The Philips monitor, thanks to its advanced SmartErgoBase, can be lowered down almost to desk level for a comfortable viewing angle. Low bezel-to-table height is the perfect solution if you use bifocals, trifocals or progressive lens glasses for your computing work. Additionally, it allows for users with greatly different heights to use the monitor in their preferred angle and height settings, helping them reduce fatigue and strain.

## SmartPower

SmartPower is an artificial intelligent technology which dynamically analyzes the content of the screen image to achieve power saving. The backlight intensity can be controlled automatically and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs

## VESA mount

VESA mount allows for flexibility



# Specifications

## Connectivity

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

## Picture/Display

- Panel Size: 21.5 inch / 54.6 cm
- Aspect ratio: 16:9
- LCD panel type: AH-IPS LCD
- 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: 16.7M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 14 ms
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 476.06 (H) x 267.79 (V)
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB
- SmartResponse (typical): 5 ms (Gray to Gray)

## Convenience

- Built-in Speakers: 2 W x 2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: SmartImage, SmartPower, Menu, Power On/Off, Volume
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Control software: SmartControl Premium

## Stand

- Height adjustment: 110 mm
- Pivot: 90 degree
- Swivel: -75/+75 degree
- Tilt: -5/20 degree

## Power

- ECO mode: 13.4 W (typ.)
- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: < 0.2 W (typ.)
- On mode: 16.96 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: < 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

## Dimensions

- Product with stand (mm): 511 x 483 x 227 mm
- Packaging in mm (WxHxD): 565 x 422 x 184 mm
- Product without stand (mm): 511 x 319 x 52 mm

## Weight

- Product with packaging (kg): 6.78 kg
- Product with stand (kg): 4.90 kg
- Product without stand (kg): 3.10 kg

## Operating conditions

- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- 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: EnergyStar 6.0, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: PVC / BFR free housing, Mercury free
- Recycled material: 25%

## Compliance and standards

- Regulatory Approvals: BSMI, cETLus, CE Mark, FCC Class B, GOST, SASO, SEMKO, TUV Ergo, TUV/GS, WEEE

## Cabinet

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



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\* "AH-IPS" word mark / trademark and related patents on technologies belong to their respective owners.

\* Smart response time is the optimum value from either GtG or GtG (BW) tests.