Philips Brilliance
LCD monitor

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

221S6QYKMB

Essential features, efficient performance

for maximum productivity

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

Designed for people
- Low bezel-to-table height for maximum reading comfort
- SmartErgoBase enables user-friendly ergonomic adjustments

Great performance
- SmartContrast gives enhanced rich black details
- Less eye fatigue with Flicker-Free technology
- AH-IPS display for brilliant images with vivid colours
- SmartImage pre-sets for easy optimised image settings

Sustainable Eco-design
- SmartPower: Up to 50% power saving

Easy to experience
- Built-in stereo speakers for multimedia
- DisplayPort connection for maximum visuals
- Webcam with mic to connect and collaborate

PHILIPS

Highlights

AH-IPS technology

This latest Philips display uses advanced AH-IPS panels, resulting in superior colour reproduction, response time and power consumption. Unlike standard TN panels, AH-IPS panels show consistent colour even at 178-degree wide angles and in pivot mode. With remarkable performance, AH-IPS is best suited for applications demanding colour accuracy and consistent brightness at all times, such as 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.

SmartImage

SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and optimises your 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 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 at the touch of a single button!
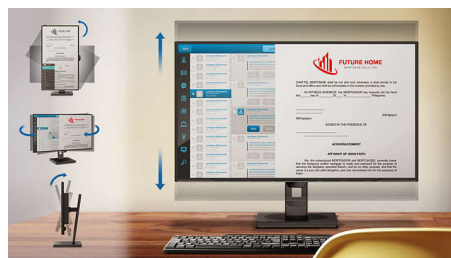
SmartContrast

SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours 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.
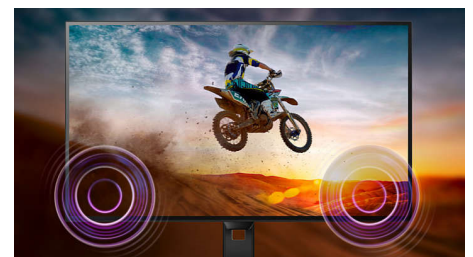
Low bezel-to-table height

Thanks to its advanced SmartErgoBase, the Philips monitor 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 users of different heights to use the monitor at their preferred angle and height settings, helping them to reduce fatigue and strain.

Webcam

Embedded webcam and microphone enables you to view and communicate with your colleagues and clients. This simple solution allows you to collaborate and share, saving precious time and travel-related costs.

Built-in stereo speakers

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.

Wide Viewing Angle | Flicker-free | SmartImage | SmartErgo Base | Webcam | Built-in Speaker | SmartPower | Built-in Speaker

Specifications

Connectivity

- Signal Input: DisplayPort x 1, DVI-D (digital, HDCP), VGA (Analogue)
- 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 @ 60 Hz
- Brightness: 250 cd/m²
- Display colours: 16.7 M
- 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 (Grey to Grey)

Convenience

- Built-in Speakers: 2 W x 2
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: SmartImage, Volume, SmartPower, Menu, Power On/Off
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Portuguese, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)
- Built-in webcam: 2.0 megapixel camera with microphone and LED indicator

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: 100–240 VAC, 50–60 Hz, Built-in
- Off mode: < 0.2 W (typ.)
- On mode: 17.1 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: < 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

Dimensions

- Product with stand (mm): 511 x 384 x 227 mm
- Packaging in mm (W x H x D): 565 x 435 x 194 mm
- Product without stand (mm): 511 x 319 x 52 mm

Weight

- Product with packaging (kg): 6.97 kg
- Product with stand (kg): 4.90 kg
- Product without stand (kg): 3.00 kg

Operating conditions

- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- Temperature range (operation): 0°C to 40°C °C
- Relative humidity: 20–80% %
- Temperature range (storage): -20°C to 60°C °C
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

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: CE Mark, FCC Class B, SEMKO, cETLus, TCO Certified, TUV Ergo, TUV/GS, EPA, PSB, WEEE, RCM, UKRAINIAN, CECP, PSE, ICES-003, J-MOSS, VCCI

Cabinet

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

What's in the box?

- Cables: VGA, Audio, USB, Power
- Monitor with stand
- User Documentation

* "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.