

Philips
LED-backlit LCD monitor
with SmartImage

S Line

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

221S6QYMB



Essential features, efficient performance

for maximum productivity

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

Great performance

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

Designed for people

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

Easy to experience

- Built-in stereo speakers for multimedia
- DisplayPort connection for maximum visuals

Sustainable Eco-design

- SmartPower: Up to 50% power saving

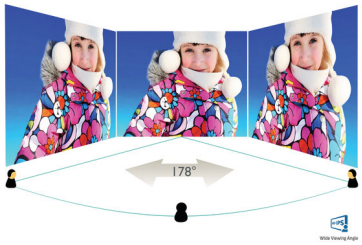
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Highlights

AH-IPS technology



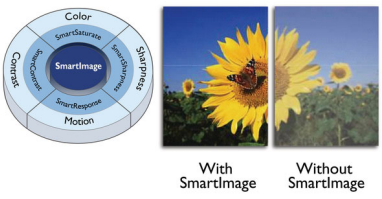
This latest Philips display uses advanced AH-IPS panels resulting in superior color reproduction, response time and power consumption. Unlike standard TN panels, AH-IPS panels show consistent color even at 178 degrees wide angles and in pivot mode. With remarkable performance, AH-IPS is best suited for 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.

SmartImage



With SmartImage | Without 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



With SmartContrast | Without 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's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; 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.

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.

DisplayPort connection



DisplayPort

DisplayPort is a digital link from PC to Monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15meter cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates - making DisplayPort the best choice for not only general office or home use, but also for the demanding gaming and movies, video editing and more. It also keeps interoperability in mind via use of various adapters.

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

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Specifications

Picture/Display
- LCD panel type: AH-IPS LCD
- Backlight type: W-LED system
- Panel Size: 21.5 inch / 54.6 cm
- Effective viewing area: 476.06 (H) x 267.79 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920x 1080 @ 60Hz
- Response time (typical): 5 ms (Gray to Gray)*
- SmartResponse (typical): 5 ms (Gray to Gray)
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.248 x 0.248 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

Connectivity
- Signal Input: DisplayPort x 1, DVI-D (digital, HDCP), VGA (Analog)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Convenience
- Built-in Speakers: 2 W x 2
- User convenience: SmartImage, Volume, SmartPower, Menu, Power On/Off
- Control software: SmartControl Premium
- 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, Ukranian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

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

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

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

Weight
- Product with stand (kg): 4.90 kg
- Product without stand (kg): 3.10 kg
- Product with packaging (kg): 6.78 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 %
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF: 30,000 hour(s)

Sustainability
- Environmental and energy: EnergyStar 6.0, EPEAT*, RoHS
- Recyclable packaging material: 100 %
- Recycled material: 25%
- Specific Substances: PVC / BFR free housing, Mercury free

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

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

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* Response time value equal to SmartResponse