



Philips Brilliance
LCD monitor, LED
backlight

S Line

27" (68.6 cm)
Full HD display

271S4LPYEB

Sustainable eco design display

with PowerSensor saves energy bills

The Philips PowerSensor LED display using 25% recycled materials and PVC, BFR-free 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

- LED technology ensures natural colours
- SmartContrast gives enhanced rich black details
- DisplayPort delivers high bandwidth for ultra-fine images

Sustainable Eco-design

- PVC-BFR free housing
- PowerSensor saves up to 80% energy costs

Easy to experience

- SmartControl for easy performance tuning
- SmartImage pre-sets for easy optimised image settings

PHILIPS

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Highlights

PowerSensor



PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if the user is present and then automatically reduces monitor brightness when the user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life.

PVC-BFR free housing

This Philips monitor housing is free from brominated flame retardant and polyvinyl chloride (PVC-BFR free).

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.

DisplayPort

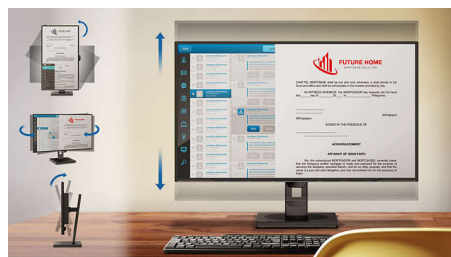
DisplayPort is a digital link from PC to monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15 metre cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates — making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

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 user-friendly height, swivel, tilt and rotation angle adjustments of the base allow the monitor to be positioned for maximum comfort to help ease the physical strains of a long workday. In addition, 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.

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!

SmartControl for easy tuning

PC software for fine tuning display performance and settings. Philips offers users two choices for display setting adjustment. Either navigate the multi-level On-Screen Display menu through buttons on the display itself or use the Philips SmartControl software to easily adjust the various display settings in a familiar way.



Specifications

Connectivity

- Signal Input: DisplayPort x 1, DVI-D (digital, HDCP), VGA (Analogue)
- Sync Input: Separate Sync, Sync on Green

Picture/Display

- Panel Size: 27 inch/68.6 cm
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Pixel pitch: 0.311 x 0.311 mm (0.012" x 0.012")
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 300 cd/m²
- Display colours: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H)/160° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 597.6 (H) x 336.15 (V)
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- sRGB

Convenience

- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8/7/Vista
- User convenience: SmartImage, PowerSensor, Brightness, Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)
- Control software: SmartControl Premium

Stand

- Height adjustment: 150 mm
- Pivot: 90 degree
- Swivel: -65/65 degree
- Tilt: -5/20 degree

Power

- ECO mode: 14 W (typ.)
- Power supply: 100–240 VAC, 50–60 Hz, Built-in
- Off mode: 0.1 W (typ.)
- On mode: 20.28 W (typ.) (EnergyStar 7.0 test method)

- Standby mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

Dimensions

- Packaging in mm (W x H x D): 750 x 234 x 490 mm
- Product without stand (mm): 639 x 405 x 64 mm
- Product with stand (max height): 639 x 580 x 242 mm

Weight

- Product with packaging (kg): 10.35 kg
- Product with stand (kg): 7.50 kg
- Product without stand (kg): 5.10 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
- MTBF: 30,000 hour(s)
- Relative humidity: 20%–80% %
- Temperature range (storage): -20°C to 60°C °C

Sustainability

- Environmental and energy: EnergyStar 7.0, PowerSensor, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: PVC/BFR free housing, Mercury free
- Recycled material: 25%

Compliance and standards

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

Cabinet

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

What's in the box?

- Cables: VGA, DVI, Power
- Monitor with stand
- User Documentation



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