

Philips Business Monitor  
LCD monitor

### S Line

24 (23.8"/60.5 cm diag.)  
1920 x 1080 (Full HD)

242S9JML



## Reliable and essential

for daily efficiency

Our S Line monitor delivers business efficiency. Features like Flicker-free and LowBlue mode make work easy on the eyes and increase your productivity.

#### Great performance

- VA display delivers awesome images with wide viewing angles
- 16:9 Full HD display for crisp, detailed images
- SmartImage pre-sets for easy optimised image settings

#### Designed for comfortable productivity

- LowBlue Mode for easy-on-the-eyes productivity
- Less eye fatigue with Flicker-Free technology
- EasyRead mode for a paper-like reading experience

#### Perfectly designed for your space

- Built-in stereo speakers for multimedia
- SmartErgoBase enables user-friendly ergonomic adjustments

#### Features for the way you work

- HDMI ensures universal digital connectivity
- DisplayPort connection for maximum visuals
- USB 3.2 high-speed data transfer

# PHILIPS

LCD monitor  
S Line 24 (23.8"/60.5 cm diag.), 1920 x 1080 (Full HD)

242S9JML/01

# Highlights

## VA display



The Philips VA LED display uses an advanced multi-domain vertical alignment technology that gives you super-high static contrast ratios for extra-vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web browsing, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you a 178/178 degree extra-wide viewing angle, resulting in crisp images.

## 16:9 Full HD display



Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colours, expect a true-to-life picture.

## 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!

## 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.

## LowBlue Mode



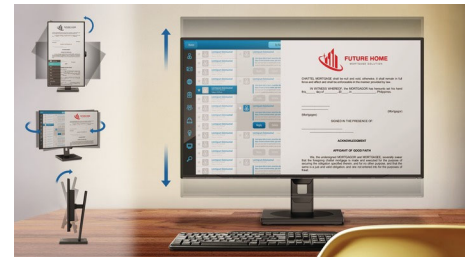
Studies have shown that just as ultra-violet rays can cause eye damage, shortwave-length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, the Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

## 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.

## 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.

## HDMI Ready



An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. An HDMI cable enables high-quality digital video and audio to be 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).



# Specifications

## Picture/Display

- LCD panel type: VA LCD
- Backlight type: W-LED system
- Panel Size: 23.8 inch/60.5 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 527.04 (H) x 296.46 (V)
- Aspect ratio: 16:9
- Maximum resolution: 1920 x 1080 @ 75 Hz\*
- Pixel Density: 93 PPI
- Response time (typical): 4 ms (Grey to Grey)\*
- Brightness: 300 cd/m<sup>2</sup>
- Contrast ratio (typical): 3000:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.2745 x 0.2745 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage
- Display colours: 16.7 M (8 bit)
- Colour gamut (typical): NTSC 80%\*
- Scanning Frequency: 30–85 kHz (H) / 48–75 Hz (V)
- LowBlue Mode
- EasyRead
- sRGB
- Adaptive sync

## Connectivity

- Signal Input: VGA (Analogue) x 1, DVI-D x 1, HDMI 1.4 x 1, DisplayPort 1.2 x 1
- HDCP: HDCP 1.4 (HDMI/DisplayPort)
- USB Hub: USB 3.2 Gen 1 / 5 Gbps, USB-B upstream x 1, USB-A downstream x 4 (with 1 for fast charge B.C 1.2)
- Audio (In/Out): PC audio-in, Audio out
- Sync Input: Separate Sync, Sync on Green

## Convenience

- Built-in Speakers: 2 W x 2
- User convenience: SmartImage/Back, Brightness/UP, Input/Down, Menu/OK, Power On/Off
- Control software: SmartControl
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Simplified Chinese, Swedish, Turkish, Traditional Chinese, Ukrainian
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8 / 7

## Stand

- Height adjustment: 130 mm
- Pivot: +/- 90 degree
- Swivel: +/- 180 degree
- Tilt: -5/25 degree

## Power

- ECO mode: 10.8 W (typ.)
- On mode: 15.0 W (typ.) (EnergyStar test method)
- Standby mode: 0.4 W (typ.)
- Off mode: 0.3 W (typ.)
- Energy Label Class: E
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Built-in, 100–240 VAC, 50–60 Hz

## Dimensions

- Product with stand (max height): 539 x 484 x 205 mm
- Product without stand (mm): 539 x 324 x 55 mm
- Packaging in mm (W x H x D): 730 x 420 x 139 mm

## Weight

- Product with stand (kg): 4.85 kg
- Product without stand (kg): 3.09 kg
- Product with packaging (kg): 7.15 kg

## Operating conditions

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

## Sustainability

- Environmental and energy: EnergyStar 8.0, EPEAT\*, TCO Certified Edge, RoHS
- Recyclable packaging material: 100 %
- Post-consumer recycled plastic: 85%
- Specific Substances: Mercury free, PVC/BFR free housing

## Compliance and standards

- Regulatory Approvals: CB, CE Mark, CU-EAC, EAEU RoHS, FCC Class B, ICES-003, SEMKO, TUV Ergo, TUV/GS

## Cabinet

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

## What's in the box?

- Monitor with stand
- Cables: HDMI cable, DisplayPort cable, Power cable
- User Documentation



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\* The maximum resolution works for either HDMI input or DP input.

\* Response time value equal to SmartResponse

\* NTSC Area based on CIE 1976

\* EPEAT rating is valid only where Philips registers the product. Please visit <https://www.epeat.net/> for registration status in your country.

\* The monitor may look different from feature images.