

24" IPS LED Monitor, 1920x1080, DisplayPort/VGA/HDMI /DVI -D, Speaker, 130mm höhenverstellbar/black (242S1AE/00)

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Philips S Line monitor gives essential features for daily productivity and work comfortably. Virtually frameless with crisp Full HD for an extended and clear view. EasyRead and Eye comfort with TUV certified to reduce eye fatigue.

## Verkaufsgründe

- IPS technology for full colors and wide viewing angles
- 16:9 Full HD display for crisp, detailed images
- SmartImage pre-sets for easy optimized image settings
- Effortlessly smooth action with Adaptive-Sync technology
- LowBlue Mode for easy-on-the-eyes productivity
- Less eye fatigue with Flicker-Free technology
- SmartErgoBase enables user-friendly ergonomic adjustments
- Built-in speakers for audio without desktop clutter

## Produktmerkmale

IPS technology for full colors and wide viewing angles

IPS displays use advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle - even in 90-degree pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, films and web browsing, but also for professional applications that demand color accuracy and consistent brightness at all times.

16:9 Full HD display for crisp, detailed images

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 colors, expect a true-to-life picture.

SmartImage pre-sets for easy optimized image settings

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

Effortlessly smooth action with Adaptive-Sync technology

Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid performance at virtually any frame rate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.

LowBlue Mode for easy-on-the-eyes productivity

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.

Less eye fatigue with 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 solution to regulate brightness and reduce flicker for more comfortable viewing.

SmartErgoBase enables user-friendly ergonomic adjustments

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.

Built-in speakers for audio without desktop clutter

A pair of 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.

## Hauptmerkmale

Product Description	Philips S-line 242S1AE - LED monitor - Full HD (1080p) - 24"
Device Type	LED-backlit LCD monitor - 24"
Energy Class	Class E
Power Consumption (On mode)	15.9 W
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 75 Hz
Pixel Pitch	0.2745 mm
Brightness	250 cd/m <sup>2</sup>
Contrast Ratio	1000:1 / 50000000:1 (dynamic)
Response Time	4 ms (grey-to-grey)
Colour Support	16.7 million colours
Input Connectors	HDMI, DVI-D, VGA, DisplayPort
Display Position Adjustments	Height, pivot (rotation), swivel, tilt
Screen Coating	Anti-glare, 3H Hard Coating, Haze 25%
Voltage	AC 120/230 V (50/60 Hz)
Colour	Black texture
Dimensions (WxDxH) - with stand	54 cm x 20.5 cm x 48.2 cm
Weight	4.83 kg
Environmental Standards	TCO Certified Displays 8, ENERGY STAR Qualified
Compliant Standards	Plug and Play, FCC Class B certified, TUV GS, ICES-003, SEMKO, CB, CCC, TUV Ergo, DDC/CI, RoHS, CECP, CEL, EPA, CU-EAC, TUV Eye Comfort certified

## Erweiterte Spezifikationen

### General

Display Type	LED-backlit LCD monitor / TFT active matrix
Energy Class	Class E
Diagonal Size	24"
Viewable Size	23.8"
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 75 Hz
Pixel Pitch	0.2745 mm
Pixel Per Inch	93
Brightness	250 cd/m <sup>2</sup>
Contrast Ratio	1000:1 / 50000000:1 (dynamic)
Colour Support	16.7 million colours
Response Time	4 ms (grey-to-grey)
Vertical Refresh Rate	48 - 75 Hz
Horizontal Refresh Rate	30 - 85 kHz
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Screen Coating	Anti-glare, 3H Hard Coating, Haze 25%
Backlight Technology	WLED
OSD Languages	Multilingual

Features	Lead-free,Low Blue Light Mode,Flicker Free technology,BFR/PVC-free,Mercury free,Adaptive-Sync technology,EasyRead,91% NTSC colour gamut,107% sRGB colour gamut,SmartControl
Colour	Black texture
Dimensions (WxDxH)	54 cm x 20.5 cm x 48.2 cm - with stand
Weight	4.83 kg

#### Audio

Type	Speakers - stereo
Output Power / Channel	2 Watt

#### Connectivity

Interfaces	VGA DVI-D (HDCP) DisplayPort (DisplayPort 1.2 mode) HDMI (HDCP) Audio line-in Headphones
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#### Mechanical

Display Position Adjustments	Height,pivot (rotation),swivel,tilt
Tilt Angle	-5/+20
Swivel Angle	360
Rotation Angle	180
Height Adjustment	130 mm
VESA Mounting Interface	100 x 100 mm

#### Miscellaneous

Features	Security lock slot (cable lock sold separately)
Cables Included	1 x VGA cable 1 x HDMI cable 1 x DisplayPort cable 1 x audio cable
MTBF	70,000 hour(s)
Compliant Standards	Plug and Play,FCC Class B certified,TUV GS,ICES-003,SEMKO,CB,CCC,TUV Ergo,DDC/CI,RoHS,CECP,CEL,EPA,CU-EAC,TUV Eye Comfort certified
Security Slot Type	Kensington security slot

#### Power

Input Voltage	AC 120/230 V (50/60 Hz)
Power Consumption (On mode)	15.9 W
Power Consumption SDR (On mode)	15.9 kWh/1000h
Power Consumption (Typical)	13.6 Watt
Power Consumption Stand by	0.3 Watt
Power Consumption (Off Mode)	0.3 Watt

#### Dimensions &Weight

Dimensions &Weight Details	With stand - width:54 cm - depth:20.5 cm - height:48.2 cm - weight:4.83 kg Without stand - width:54 cm - depth:5.1 cm - height:32.3 cm - weight:2.98 kg
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## Dimensions &Weight (Shipping)

Shipping Width	62.5 cm
Shipping Depth	18 cm
Shipping Height	43.5 cm
Shipping Weight	7.91 kg

## Environmental Standards

TCO Certified	TCO Certified Displays 8
ENERGY STAR Certified	Yes
ENERGY STAR Version	8.0

## Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	20 - 80%

\* Für Fehler im Datenblatt übernimmt Tech Data keine Haftung