

# Philips S Line 242S1AE/00 LED display



**Artikel**  
**Herstellernummer**  
**EAN**  
Philips

117174  
242S1AE/00  
8712581764296

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

## Zusammenfassung

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

Philips S Line 242S1AE/00, 60.5 cm (23.8"), 1920 x 1080 pixels, Full HD, LED, 4 ms, Black

Philips S Line 242S1AE/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LED, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). VESA mounting, Height adjustment. Product colour: Black

## Merkmale

### Logistics data

Harmonized System (HS) code 85285210

### Recycling data

Post-consumer recycled plastic 85%

### Sustainability

Sustainability certificates ENERGY STAR, TCO, RoHS  
Doesn't contain PVC/BFR, Mercury

### Design

Market positioning	Business
Product colour	Black
Front bezel colour	Black
Detachable stand	Yes
Feet colour	Black
Heavy metals free	Hg (mercury)
Certification	CB, EPA, FCC Class B, ICES-003, CE Mark, TUV/GS, TUV Ergo, SEMKO, CU-EAC, UKRAINIAN, CCC, CEL, CECP, TUV Eye Comfort certified

### Other features

Exterior finish type Textured

## Multimedia

Built-in speaker(s)	Yes
Built-in camera	No
Number of speakers	2
RMS rated power	2 W

## Packaging content

Stand included	Yes
Cables included	VGA, HDMI, DisplayPort, Audio (3.5mm), AC
Manual	Yes
Bundled software	SmartControl

## Performance

VESA Adaptive Sync support	Yes
Component video sync	Separate sync, Sync-on-green (SOG)
Flicker-free technology	Yes
Low Blue Light technology	Yes

## Packaging data

Package width	625 mm
Package depth	180 mm
Package height	435 mm
Package weight	7.91 kg
Package type	Box

## Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-20 - 80% H)	
Storage relative humidity (H-20 - 80% H)	
Operating altitude	0 - 3658 m
Non-operating altitude	0 - 12192 m

Picture enhancement	SmartImage
Recyclable packaging material	100%
Regulatory Approvals	CB; FCC Class B; ICES-003; CE Mark; TUV/GS; TUV Ergo; CU-EAC; UKRAINIAN; CCC; CEL; CECP; TUV Eye Comfort certified
EasyRead mode	Yes
LowBlue mode	Yes
Energy efficiency class (old)	E
Mean time between failures (MTBF)	70000 h

## Weight & dimensions

Width (with stand)	540 mm
Depth (with stand)	205 mm
Height (with stand)	482 mm
Weight (with stand)	4.83 kg
Width (without stand)	540 mm
Depth (without stand)	51 mm
Height (without stand)	323 mm
Weight (without stand)	2.98 kg

## Power

Energy efficiency class (SDR)	E
Energy consumption (SDR) per 1000 hours	16 kWh
Power consumption (typical)	13.6 W
Power consumption (standby)	0.3 W
Power consumption (off)	0.3 W
Power consumption (PowerSave)	10.4 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power supply type	Internal
Energy efficiency scale	A to G

## Ergonomics

VESA mounting	Yes
Panel mounting interface	100 x 100 mm
Cable lock slot	Yes
Cable lock slot type	Kensington
Height adjustment	Yes
Height adjustment	13 cm
Pivot	Yes
Pivot angle	-90 - 90°
Swivelling	Yes
Swivel angle range	-180 - 180°
Tilt angle range	-5 - 25°
On Screen Display (OSD)	Yes
On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Number of OSD languages	21
Plug and Play	Yes
LED indicators	Operation, Stand-by
Tilt adjustment	Yes

## Ports & interfaces

Built-in USB hub	No
VGA (D-Sub) ports quantity	1
DVI port	Yes
DVI-D ports quantity	1
HDMI	Yes
HDMI ports quantity	1.4
HDMI version	1.4
DisplayPorts quantity	1.2
DisplayPort version	1.2
Audio input	No
Headphone out	Yes
Headphone outputs	1
Headphone connectivity	3.5 mm
PC Audio in	Yes
HDCP	Yes
HDCP version	1.4
AC (power) in	Yes

## Display

Display diagonal	60.5 cm (23.8")
Display resolution	1920 x 1080 pixels
HD type	Full HD
Native aspect ratio	16:9
Display technology	LED
Panel type	IPS
Backlight type	W-LED
Touchscreen	No
Display brightness (typical)	300 cd/m <sup>2</sup>
Response time	4 ms
Anti-glare screen	Yes
Screen shape	Flat
Supported graphics resolutions	1920 x 1080 (HD 1080)
Aspect ratio	16:9
Contrast ratio (typical)	1000:1
Contrast ratio (dynamic)	50000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate	75 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours	16.7 million colours
Pixel pitch	0.2745 x 0.2745 mm
Pixel density	93 ppi
Horizontal scan range	30 - 85 kHz
Vertical scan range	48 - 75 Hz
Viewable size, horizontal	52.7 cm
Viewable size, vertical	29.6 cm
Digital horizontal frequency	30 - 85 kHz
Digital vertical frequency	48 - 75 Hz
Sync-on-green (SOG)	Yes
Display diagonal (metric)	60.5 cm
DDC/CI	Yes
Haze rate	25%
Surface hardness	3H
RGB colour space	sRGB
Colour gamut	91%
sRGB coverage (typical)	107%
NTSC coverage (typical)	91%
Display sRGB	Yes

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.