PHILIPS

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



Brand : Philips **Product family:** S Line **Product code:** 242S1AE/00

Product name : 242S1AE/00

242S1AE LCD monitor

Philips S Line 242S1AE/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LED Black:

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



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
LED backlight	✔
Backlight type	W-LED
Touchscreen *	✘
Display brightness (typical)	250 cd/m²
Response time *	4 ms
Anti-glare screen	✔
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

Ergonomics	
Pivot	✔
Pivot angle	-90 - 90°
Swivelling	✔
Swivel angle range	-180 - 180°
Tilt adjustment	✔
Tilt angle range	-5 - 25°
On Screen Display (OSD)	✔
On Screen Display (OSD) languages	Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
Number of OSD languages	21
Plug and Play	✔
LED indicators	Operation, Stand-by

Power	
Energy efficiency class (SDR) *	D
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

Display	
Digital horizontal frequency	30 - 85 kHz
Digital vertical frequency	48 - 75 Hz
Sync-on-green (SOG)	✔
Display diagonal (metric)	60.5 cm
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
Colour gamut standard	sRGB, NTSC
Colour gamut	91%
sRGB coverage (typical)	107%
NTSC coverage (typical)	91%
Display sRGB	✔
Display panel size	23.8 inch / 60.5 cm

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

Multimedia	
Number of speakers	2
RMS rated power	4 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design	
Market positioning *	Business
Product colour *	Black
Front bezel colour	Black
Detachable stand	✔
Feet colour	Black

Ports & interfaces	
Built-in USB hub *	✘
VGA (D-Sub) ports quantity	1
DVI port	✔
DVI-D ports quantity	1
HDMI *	✔
HDMI ports quantity	1
HDMI version	1.4
DisplayPorts quantity	1
DisplayPort version	1.2
Audio input	✘
Headphone out *	✔
Headphone outputs	1
Headphone connectivity	3.5 mm
PC Audio in	✔
HDCP	✔
HDCP version	1.4
AC (power) in	✔

Ergonomics	
VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Adjustable height (max)	13 cm

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

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

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

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

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

Other features	
Compatible operating systems	DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
Exterior finish type	Textured
Monitor sync input signal	Separate Sync, Sync on Green
User controls	SmartImage, Input, Brightness, Menu, Power On/Off
Picture enhancement	SmartImage
Signal input	VGA (Analog), DVI-D (digital, HDCP), DisplayPort 1.2, HDMI 1.4
Regulatory Approvals	CB; FCC Class B; ICES-003; CE Mark; TUV/GS; TUV Ergo; CU-EAC; UKRAINIAN; CCC; CEL; CECP; TUV Eye Comfort certified
Heavy metals free	Hg (mercury)
EasyRead mode	✔
LowBlue mode	✔
Energy efficiency class (legacy scale)	E
Compliance certificates	RoHS
Mean time between failures (MTBF)	70000 h
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

Recycling data	
Packaging recyclability rate	100%
Product post-consumer recycled plastic	85%

Logistics data	
Harmonized System (HS) code	85285210

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Catalog Object Cloud

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