

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

**Brand :** Philips

**Product family:** S Line

**Product code:** 242S1AE/00

**Product name :** 242S1AE/00

242S1AE LCD monitor

Philips S Line 242S1AE/00 LED display 60.5 cm (23.8") 1920 x 1080 pixels Full HD 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		Ergonomics	
Display diagonal *	60.5 cm (23.8")	Pivot	✓
Display resolution *	1920 x 1080 pixels	Pivot angle	-90 - 90°
HD type *	Full HD	Swivelling	✓
Native aspect ratio *	16:9	Swivel angle range	-180 - 180°
Display technology *	LED	Tilt adjustment	✓
Panel type *	IPS	Tilt angle range	-5 - 25°
Backlight type	W-LED	On Screen Display (OSD)	✓
Touchscreen *	✗	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
Display brightness (typical)	300 cd/m <sup>2</sup>	Number of OSD languages	21
Response time *	4 ms	Plug and Play	✓
Anti-glare screen	✓	LED indicators	Operation, Stand-by
Screen shape *	Flat	Power	
Supported graphics resolutions	1920 x 1080 (HD 1080)	Energy efficiency class (SDR) *	E
Aspect ratio	16:9	Energy consumption (SDR) per 1000 hours *	16 kWh
Contrast ratio (typical) *	1000:1	Power consumption (typical) *	13.6 W
Contrast ratio (dynamic)	50000000:1	Power consumption (standby) *	0.3 W
Dynamic contrast ratio marketing name	SmartContrast	Power consumption (off)	0.3 W
Maximum refresh rate *	75 Hz	Power consumption (PowerSave)	10.4 W
Viewing angle, horizontal	178°	AC input voltage	100 - 240 V
Viewing angle, vertical	178°	AC input frequency	50 - 60 Hz
Display number of colours *	16.7 million colours	Power supply type	Internal
Pixel pitch	0.2745 x 0.2745 mm	Energy efficiency scale	A to G
Pixel density	93 ppi	European Product Registry for Energy Labelling (EPREL) code	405224
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		

<b>Display</b>		<b>Operational conditions</b>	
Digital vertical frequency	48 - 75 Hz	Operating temperature (T-T)	0 - 40 °C
Sync-on-green (SOG)	✓	Storage temperature (T-T)	-20 - 60 °C
Display diagonal (metric)	60.5 cm	Operating relative humidity (H-H)	20 - 80%
DDC/CI	✓	Storage relative humidity (H-H)	20 - 80%
Haze rate	25%	Operating altitude	0 - 3658 m
Surface hardness	3H	Non-operating altitude	0 - 12192 m
Colour gamut standard	sRGB	<b>Weight &amp; dimensions</b>	
Colour gamut	91%	Width (with stand)	540 mm
sRGB coverage (typical)	107%	Depth (with stand)	205 mm
NTSC coverage (typical)	91%	Height (with stand)	482 mm
Display sRGB	✓	Weight (with stand)	4.83 kg
<b>Performance</b>		Width (without stand)	540 mm
VESA Adaptive Sync support	✓	Depth (without stand)	51 mm
Component video sync	Separate sync, Sync-on-green (SOG)	Height (without stand)	323 mm
Flicker-free technology	✓	Weight (without stand)	2.98 kg
Low Blue Light technology	✓	<b>Packaging data</b>	
<b>Multimedia</b>		Package width	625 mm
Number of speakers	2	Package depth	180 mm
RMS rated power	2 W	Package height	435 mm
Built-in speaker(s) *	✓	Package weight	7.91 kg
Built-in camera *	✗	Package type	Box
<b>Design</b>		<b>Packaging content</b>	
Market positioning *	Business	Stand included	✓
Product colour *	Black	Cables included	VGA, HDMI, DisplayPort, Audio (3.5mm), AC
Front bezel colour	Black	Manual	✓
Detachable stand	✓	Bundled software	SmartControl
Feet colour	Black	<b>Sustainability</b>	
<b>Ports &amp; interfaces</b>		Sustainability certificates	ENERGY STAR, TCO
Built-in USB hub *	✗	Doesn't contain	PVC/BFR, Mercury
VGA (D-Sub) ports quantity	1	<b>Other features</b>	
DVI port	✓	Exterior finish type	Textured
DVI-D ports quantity	1	Picture enhancement	SmartImage
HDMI *	✓	Recyclable packaging material	100%
HDMI ports quantity	1	Regulatory Approvals	CB; FCC Class B; ICES-003; CE Mark; TUV/GS; TUV Ergo; CU-EAC; UKRAINIAN; CCC; CEL; CECP; TUV Eye Comfort certified
HDMI version	1.4	Heavy metals free	Hg (mercury)
DisplayPorts quantity	1	EasyRead mode	✓
DisplayPort version	1.2	LowBlue mode	✓
Audio input	✗	Energy efficiency class (old)	E
Headphone out *	✓	Compliance certificates	RoHS
Headphone outputs	1	Mean time between failures (MTBF)	70000 h
Headphone connectivity	3.5 mm	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
PC Audio in	✓	<b>Recycling data</b>	
HDCP	✓	Post-consumer recycled plastic	85%
HDCP version	1.4	<b>Logistics data</b>	
AC (power) in	✓	Harmonized System (HS) code	85285210
<b>Ergonomics</b>			
VESA mounting *	✓		
Panel mounting interface	100 x 100 mm		
Cable lock slot *	✓		
Cable lock slot type	Kensington		
Height adjustment *	✓		
Height adjustment	13 cm		



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