

## 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/m²	Number of OSD languages	21
Response time *	4 ms	Plug and Play	✓
Anti-glare screen	✓	LED indicators	Operation, Stand-by
Screen shape *	Flat	<b>Power</b>	
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		

Display		Operational conditions	
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	Weight & dimensions	
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
Performance		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	✓	Packaging data	
Multimedia		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
Design		Packaging content	
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	Sustainability	
Ports & interfaces		Sustainability certificates	ENERGY STAR, TCO
Built-in USB hub *	✗	Doesn't contain	PVC/BFR, Mercury
VGA (D-Sub) ports quantity	1	Other features	
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; CEC; TUV Eye Comfort certified
HDMI version	1.4		
DisplayPorts quantity	1		
DisplayPort version	1.2	Heavy metals free	Hg (mercury)
Audio input	✗	EasyRead mode	✓
Headphone out *	✓	LowBlue mode	✓
Headphone outputs	1	Energy efficiency class (old)	E
Headphone connectivity	3.5 mm	Compliance certificates	RoHS
PC Audio in	✓	Mean time between failures (MTBF)	70000 h
HDCP	✓	Certification	CB, EPA, FCC Class B, ICES-003, CE Mark, TUV/GS, TUV Ergo, SEMKO, CU-EAC, UKRAINIAN, CCC, CEL, CEC, TUV Eye Comfort certified
HDCP version	1.4		
AC (power) in	✓		
Ergonomics		Recycling data	
VESA mounting *	✓	Post-consumer recycled plastic	85%
Panel mounting interface	100 x 100 mm	Logistics data	
Cable lock slot *	✓	Harmonized System (HS) code	85285210
Cable lock slot type	Kensington		
Height adjustment *	✓		
Adjustable height (max)	13 cm		



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### Catalog Object Cloud



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