

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 extended 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")	Adjustable height (max)	13 cm
Display resolution *	1920 x 1080 pixels	Pivot	✓
HD type *	Full HD	Pivot angle	-90 - 90°
Native aspect ratio *	16:9	Swivelling	✓
Display technology *	LED	Swivel angle range	-180 - 180°
Panel type *	IPS	Tilt adjustment	✓
LED backlight	✓	Tilt angle range	-5 - 25°
Backlight type	W-LED	On Screen Display (OSD)	✓
Touchscreen *	✗	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
Display brightness (typical)	300 cd/m²		
Response time *	4 ms		
Anti-glare screen	✓	Number of OSD languages	21
Screen shape *	Flat	Plug and Play	✓
Supported graphics resolutions	1920 x 1080 (HD 1080)	LED indicators	Operation, Stand-by
Aspect ratio	16:9	Power	
Contrast ratio (typical) *	1000:1	Energy efficiency class (SDR) *	D
Contrast ratio (dynamic)	50000000:1	Energy consumption (SDR) per 1000 hours *	16 kWh
Dynamic contrast ratio marketing name	SmartContrast	Power consumption (typical) *	13.6 W
Maximum refresh rate *	75 Hz	Power consumption (standby) *	0.3 W
Viewing angle, horizontal	178°	Power consumption (off)	0.3 W
Viewing angle, vertical	178°	Power consumption (PowerSave)	10.4 W
Display number of colours *	16.7 million colours	AC input voltage	100 - 240 V
Pixel pitch	0.2745 x 0.2745 mm	AC input frequency	50/60 Hz
Pixel density	93 ppi	Power supply type	Internal
Horizontal scan range	30 - 85 kHz	Energy efficiency scale	A to G
Vertical scan range	48 - 75 Hz		
Viewable size, horizontal	52.7 cm		
Viewable size, vertical	29.6 cm		

Display		Operational conditions	
Digital horizontal frequency	30 - 85 kHz	Operating temperature (T-T)	0 - 40 °C
Digital vertical frequency	48 - 75 Hz	Storage temperature (T-T)	-20 - 60 °C
Sync-on-green (SOG)	✓	Operating relative humidity (H-H)	20 - 80%
Display diagonal (metric)	60.5 cm	Storage relative humidity (H-H)	20 - 80%
DDC/CI	✓	Operating altitude	0 - 3658 m
Haze rate	25%	Non-operating altitude	0 - 12192 m
Surface hardness	3H	Weight & dimensions	
Colour gamut standard	sRGB, NTSC	Width (with stand)	540 mm
Colour gamut	91%	Depth (with stand)	205 mm
sRGB coverage (typical)	107%	Height (with stand)	482 mm
NTSC coverage (typical)	91%	Weight (with stand)	4.83 kg
Display sRGB	✓	Width (without stand)	540 mm
Display panel size	23.8 inch/60.5 cm	Depth (without stand)	51 mm
Performance		Height (without stand)	323 mm
VESA Adaptive Sync support	✓	Weight (without stand)	2.98 kg
Component video sync	Separate Sync, Sync-on-green (SOG)	Packaging data	
Flicker-free technology	✓	Package width	625 mm
Low Blue Light technology	✓	Package depth	180 mm
Multimedia		Package height	435 mm
Number of speakers	2	Package weight	7.91 kg
RMS rated power	4 W	Package type	Box
Built-in speaker(s) *	✓	Packaging content	
Built-in camera *	✗	Stand included	✓
Design		Cables included	VGA, HDMI, DisplayPort, Audio (3.5mm), AC
Market positioning *	Business	Manual	✓
Product colour *	Black	Bundled software	SmartControl
Front bezel colour	Black	Sustainability	
Detachable stand	✓	Sustainability certificates	ENERGY STAR, TCO
Feet colour	Black	Doesn't contain	Mercury, PVC/BFR
Ports & interfaces		Other features	
Built-in USB hub *	✗	Compatible operating systems	Mac OS X; Windows 10/8.1/8/7
VGA (D-Sub) ports quantity	1	Exterior finish type	Textured
DVI port	✓	Monitor sync input signal	Separate Sync; Sync on Green
DVI-D ports quantity	1	User controls	SmartImage; Input; Brightness; Menu; Power On/Off
HDMI *	✓	Picture enhancement	SmartImage
HDMI ports quantity	1	Signal input	VGA (Analogue); DVI-D (digital, HDCP); DisplayPort 1.2; HDMI 1.4
HDMI version	1.4	Regulatory Approvals	CB; FCC Class B; ICES-003; CE Mark; TUV/GS; TUV Ergo; CU-EAC; UKRAINIAN; CCC; CEL; CEC; TUV Eye Comfort certified
DisplayPorts quantity	1	Heavy metals free	Hg (mercury)
DisplayPort version	1.2	EasyRead mode	✓
Audio input	✗	LowBlue mode	✓
Headphone out *	✓	Energy efficiency class (legacy scale)	E
Headphone outputs	1	Compliance certificates	RoHS
Headphone connectivity	3.5 mm	Mean time between failures (MTBF)	70000 h
PC Audio in	✓	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	✓	Recycling data	
HDCP version	1.4	Packaging recyclability rate	100%
AC (power) in	✓	Product post-consumer recycled plastic	85%
Ergonomics			
VESA mounting *	✓		
Panel mounting interface	100 x 100 mm		
Cable lock slot *	✓		
Cable lock slot type	Kensington		
Height adjustment *	✓		

Logistics data

Harmonized System (HS) code	85285210
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Catalog Object Cloud



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