

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		
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) *	E
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	European Product Registry for Energy Labelling (EPREL) code	405224
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	Heavy metals free	Hg (mercury)
DisplayPort version	1.2	EasyRead mode	✓
Audio input	✗	LowBlue mode	✓
Headphone out *	✓	Energy efficiency class (old)	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	✓		
HDCP version	1.4	Recycling data	
AC (power) in	✓	Post-consumer recycled plastic	85%
Ergonomics		Logistics data	
VESA mounting *	✓	Harmonized System (HS) code	85285210
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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