PHILIPS

Philips S Line 242S9JAL/00 LED display 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black

Brand : Philips Product family: S Line Product code: 242S9JAL/00

Product name: 242S9JAL/00

S Line 24 (23.8"/60.5 cm diag.) LCD monitor

Philips S Line 242S9JAL/00 LED display 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black:

Our S Line monitor delivers business efficiency. Features like Flicker-free and LowBlue mode make work easy on the eyes and increase your productivity.

Philips S Line 242S9JAL/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LCD, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting. Product colour: Black











Display		Ergonomics	
Display diagonal *	60.5 cm (23.8")	VESA mounting *	✓
Display resolution *	1920 x 1080 pixels	Panel mounting interface	100 x 100 mm
HD type *	Full HD	Cable lock slot *	✓
Native aspect ratio *	16:9	Cable lock slot type	Kensington
Display technology *	LCD	Height adjustment *	×
Panel type *	VA	Tilt angle range	-5 - 25°
Backlight type	W-LED		Simplified Chinese, Traditional
Touchscreen *	×		Chinese, Czech, German, Dutch,
Display brightness (typical)	300 cd/m ²	On Screen Display (OSD) languages	English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese,
Response time	4 ms		Korean, Polish, Portuguese, Russian
Anti-glare screen	✓		Swedish, Turkish, Ukrainian
Screen shape *	Flat	Plug and Play	✓
Contrast ratio (typical) *	3000:1	LED indicators	Operation, Stand-by
Contrast ratio (dynamic)	50000000:1	Tilt adjustment	√
Contrast ratio (dynamic)	3000000.1	,	
Dynamic contrast ratio marketing	SmartContrast	Power	
Dynamic contrast ratio marketing name	SmartContrast	Power Energy efficiency class (SDR) *	E
Dynamic contrast ratio marketing		Power Energy efficiency class (SDR) * Energy consumption (SDR) per 1000	
Dynamic contrast ratio marketing name Maximum refresh rate *	SmartContrast 75 Hz	Power Energy efficiency class (SDR) * Energy consumption (SDR) per 1000 hours *	21 kWh
Dynamic contrast ratio marketing name Maximum refresh rate * Viewing angle, horizontal	SmartContrast 75 Hz 178°	Power Energy efficiency class (SDR) * Energy consumption (SDR) per 1000 hours * Power consumption (typical) *	21 kWh 15 W
Dynamic contrast ratio marketing name Maximum refresh rate * Viewing angle, horizontal Viewing angle, vertical	SmartContrast 75 Hz 178° 178°	Power Energy efficiency class (SDR) * Energy consumption (SDR) per 1000 hours * Power consumption (typical) * Power consumption (standby) *	21 kWh 15 W 0.3 W
Dynamic contrast ratio marketing name Maximum refresh rate * Viewing angle, horizontal Viewing angle, vertical Display number of colours *	SmartContrast 75 Hz 178° 178° 16.7 million colours	Power Energy efficiency class (SDR) * Energy consumption (SDR) per 1000 hours * Power consumption (typical) * Power consumption (standby) * Power consumption (off)	21 kWh 15 W 0.3 W 0.3 W
Dynamic contrast ratio marketing name Maximum refresh rate * Viewing angle, horizontal Viewing angle, vertical Display number of colours * Pixel pitch	SmartContrast 75 Hz 178° 178° 16.7 million colours 0.2745 x 0.2745 mm	Power Energy efficiency class (SDR) * Energy consumption (SDR) per 1000 hours * Power consumption (typical) * Power consumption (standby) * Power consumption (off) Power consumption (PowerSave)	21 kWh 15 W 0.3 W 0.3 W 10.8 W
Dynamic contrast ratio marketing name Maximum refresh rate * Viewing angle, horizontal Viewing angle, vertical Display number of colours * Pixel pitch Pixel density	SmartContrast 75 Hz 178° 178° 16.7 million colours 0.2745 x 0.2745 mm 93 ppi	Power Energy efficiency class (SDR) * Energy consumption (SDR) per 1000 hours * Power consumption (typical) * Power consumption (standby) * Power consumption (off) Power consumption (PowerSave) AC input voltage	21 kWh 15 W 0.3 W 0.3 W 10.8 W 100 - 240 V
Dynamic contrast ratio marketing name Maximum refresh rate * Viewing angle, horizontal Viewing angle, vertical Display number of colours * Pixel pitch Pixel density Viewable size, horizontal	SmartContrast 75 Hz 178° 178° 16.7 million colours 0.2745 x 0.2745 mm 93 ppi 52.7 cm	Power Energy efficiency class (SDR) * Energy consumption (SDR) per 1000 hours * Power consumption (typical) * Power consumption (standby) * Power consumption (off) Power consumption (PowerSave) AC input voltage AC input frequency	21 kWh 15 W 0.3 W 0.3 W 10.8 W 100 - 240 V 50 - 60 Hz
Dynamic contrast ratio marketing name Maximum refresh rate * Viewing angle, horizontal Viewing angle, vertical Display number of colours * Pixel pitch Pixel density Viewable size, horizontal Viewable size, vertical	SmartContrast 75 Hz 178° 178° 16.7 million colours 0.2745 x 0.2745 mm 93 ppi 52.7 cm 29.6 cm	Power Energy efficiency class (SDR) * Energy consumption (SDR) per 1000 hours * Power consumption (typical) * Power consumption (standby) * Power consumption (off) Power consumption (PowerSave) AC input voltage AC input frequency Power supply type	21 kWh 15 W 0.3 W 0.3 W 10.8 W 100 - 240 V 50 - 60 Hz Internal
Dynamic contrast ratio marketing name Maximum refresh rate * Viewing angle, horizontal Viewing angle, vertical Display number of colours * Pixel pitch Pixel density Viewable size, horizontal Viewable size, vertical Digital horizontal frequency	SmartContrast 75 Hz 178° 178° 16.7 million colours 0.2745 x 0.2745 mm 93 ppi 52.7 cm 29.6 cm 30 - 85 kHz	Power Energy efficiency class (SDR) * Energy consumption (SDR) per 1000 hours * Power consumption (typical) * Power consumption (standby) * Power consumption (off) Power consumption (PowerSave) AC input voltage AC input frequency Power supply type Energy efficiency scale	21 kWh 15 W 0.3 W 0.3 W 10.8 W 100 - 240 V 50 - 60 Hz
Dynamic contrast ratio marketing name Maximum refresh rate * Viewing angle, horizontal Viewing angle, vertical Display number of colours * Pixel pitch Pixel density Viewable size, horizontal Viewable size, vertical Digital horizontal frequency Digital vertical frequency	SmartContrast 75 Hz 178° 178° 16.7 million colours 0.2745 x 0.2745 mm 93 ppi 52.7 cm 29.6 cm 30 - 85 kHz 48 - 75 Hz	Power Energy efficiency class (SDR) * Energy consumption (SDR) per 1000 hours * Power consumption (typical) * Power consumption (standby) * Power consumption (off) Power consumption (PowerSave) AC input voltage AC input frequency Power supply type	21 kWh 15 W 0.3 W 0.3 W 10.8 W 100 - 240 V 50 - 60 Hz Internal A to G
Dynamic contrast ratio marketing name Maximum refresh rate * Viewing angle, horizontal Viewing angle, vertical Display number of colours * Pixel pitch Pixel density Viewable size, horizontal Viewable size, vertical Digital horizontal frequency Digital vertical frequency Display diagonal (metric)	SmartContrast 75 Hz 178° 178° 16.7 million colours 0.2745 x 0.2745 mm 93 ppi 52.7 cm 29.6 cm 30 - 85 kHz 48 - 75 Hz 60.5 cm	Power Energy efficiency class (SDR) * Energy consumption (SDR) per 1000 hours * Power consumption (typical) * Power consumption (standby) * Power consumption (off) Power consumption (PowerSave) AC input voltage AC input frequency Power supply type Energy efficiency scale	21 kWh 15 W 0.3 W 0.3 W 10.8 W 100 - 240 V 50 - 60 Hz Internal

Display		Operational conditions	
	8 bit		20 - 80%
Colour depth RGB colour space	sRGB	Operating relative humidity (H-H) Operating altitude	0 - 3658 m
NTSC coverage (typical)	80%	Non-operating altitude	3658 - 12192 m
Display sRGB	√		3030 12132
Performance	•	Packaging content	
	,	Stand included	IDMI AC
VESA Adaptive Sync support	✓ Separate sync, Sync-on-green	Cables included Manual	HDMI, AC ✓
Component video sync	(SOG)	Bundled software	SmartControl
Flicker-free technology	✓		5a. (35a.)
Low Blue Light technology	✓	Weight & dimensions	500
Compatible operating systems	Windows 11 / 10 / 8.1 / 8 / 7 Mac OS X	Width (with stand)	539 mm 208 mm
	^	Depth (with stand) Height (with stand)	430 mm
Multimedia		Weight (with stand)	3.43 kg
Built-in speaker(s) *	✓	Width (without stand)	539 mm
Built-in camera *	×	Depth (without stand)	55 mm
Number of speakers	2	Height (without stand)	324 mm
RMS rated power	2 W	Weight (without stand)	3.01 kg
Design		Packaging data	
Market positioning *	Business	Package width	616 mm
Product colour *	Black	Package depth	124 mm
Front bezel colour	Black	Package height	420 mm
Feet colour	Black	Package weight	5.31 kg
Ports & interfaces		Sustainability	
Built-in USB hub *	✓	Sustainability compliance	1
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Sustainability certificates	ENERGY STAR, TCO, RoHS
USB upstream port type	USB Type-B	Doesn't contain	Mercury, PVC/BFR
Number of upstream ports Number of USB Type-B upstream	1	European Product Registry for	1290237
ports quantity	1	Energy Labelling (EPREL) code	1230237
USB Type-A downstream ports	2	Recycling data	
quantity USB Power Delivery	,	Post-consumer recycled plastic	85%
VGA (D-Sub) ports quantity	1	Other features	
HDMI *	<u>,</u>	Exterior finish type	Textured
HDMI ports quantity	1	Picture enhancement	SmartImage
HDMI version	1.4	Recyclable packaging material	100%
DisplayPorts quantity	1	Pogulatory Approvals	CB; CE Mark; CU-EAC; EAEU ROHS;
DisplayPort version	1.2	Regulatory Approvals	FCC Class B; ICES-003; SEMKO; TUV Ergo; TUV/GS
Audio output	✓	EasyRead mode	√
PC Audio in	✓	LowBlue mode	✓
HDCP	✓	Mean time between failures (MTBF)	70000 h
HDCP version	1.4		



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