

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

Business Monitor 242S9JAL 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

Display diagonal *	60.5 cm (23.8")
Display resolution *	1920 x 1080 pixels
HD type *	Full HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	VA
Backlight type	W-LED
Touchscreen *	✗
Display brightness (typical)	300 cd/m <sup>2</sup>
Response time	4 ms
Anti-glare screen	✓
Screen shape *	Flat
Contrast ratio (typical) *	3000:1
Contrast ratio (dynamic)	50000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate *	75 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.2745 x 0.2745 mm
Pixel density	93 ppi
Viewable size, horizontal	52.7 cm
Viewable size, vertical	29.6 cm
Digital horizontal frequency	30 - 85 kHz
Digital vertical frequency	48 - 75 Hz
Display diagonal (metric)	60.5 cm
DDC/CI	✓
Haze rate	25%
Surface hardness	3H

### Ergonomics

VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Cable lock slot *	✓
Cable lock slot type	Kensington
Height adjustment *	✗
Tilt adjustment	✓
Tilt angle range	-5 - 25°
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
Plug and Play	✓
LED indicators	Operation, Stand-by

### Power

Energy efficiency class (SDR) *	E
Energy consumption (SDR) per 1000 hours *	21 kWh
Power consumption (typical) *	15 W
Power consumption (standby) *	0.3 W
Power consumption (off)	0.3 W
Power consumption (PowerSave)	10.8 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power supply type	Internal
Energy efficiency scale	A to G

### Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C

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



8712581796426

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 13-MAY-2024. Prints or copies of Information are only valid on the printed Publication date