PHILIPS

Philips S Line 242S9JML/00 LED display 61 cm (24") 1920 x 1080 pixels Full HD LCD Black

Brand : Philips　　　　　**Product family:** S Line　　　　　**Product code:** 242S9JML/00

Product name : 242S9JML/00

Business Monitor 242S9JML LCD monitor

Philips S Line 242S9JML/00 LED display 61 cm (24") 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 242S9JML/00. Display diagonal: 61 cm (24"), 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, Height adjustment. Product colour: Black

Display

Display diagonal *	61 cm (24")
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/m²
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%

Ergonomics

Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Height adjustment	13 cm
Pivot	✔
Pivot angle	-90 - 90°
Swivelling	✔
Swivel angle range	-180 - 180°
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) *	0.4 W
Power consumption (off)	0.3 W
Power consumption (PowerSave)	12 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power supply type	Internal

Display

Surface hardness	3H
Colour depth	8 bit
Colour gamut standard	sRGB
sRGB coverage (typical)	99%
NTSC coverage (typical)	80%
Display sRGB	✔

Performance

VESA Adaptive Sync support	✔
Component video sync	Separate sync, Sync-on-green (SOG)
Flicker-free technology	✔
Low Blue Light technology	✔

Multimedia

Number of speakers	2
RMS rated power	2 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design

Market positioning *	Business
Product colour *	Black
Front bezel colour	Black
Feet colour	Black

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-B
Number of upstream ports	1
Number of USB Type-B upstream ports quantity	1
USB Type-A downstream ports quantity	4
USB Power Delivery (USB PD)	✔
VGA (D-Sub) ports quantity	1
DVI port	✔
DVI-D ports quantity	1
HDMI *	✔
HDMI ports quantity	1
HDMI version	1.4
DisplayPorts quantity	1
DisplayPort version	1.2
Audio output	✔
PC Audio in	✔
HDCP	✔
HDCP version	1.4

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm

Power

European Product Registry for Energy Labelling (EPREL) code	1291734

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	20 - 80%
Operating altitude	0 - 3658 m
Non-operating altitude	3658 - 12192 m

Weight & dimensions

Width (with stand)	539 mm
Depth (with stand)	205 mm
Height (with stand)	484 mm
Weight (with stand)	4.85 kg
Width (without stand)	539 mm
Depth (without stand)	55 mm
Height (without stand)	324 mm
Weight (without stand)	3.09 kg

Packaging data

Package width	730 mm
Package depth	139 mm
Package height	420 mm
Package weight	7.15 kg

Packaging content

Stand included	✔
Cables included	HDMI, DisplayPort, AC
Manual	✔
Bundled software	SmartControl

Sustainability

Sustainability compliance	✔
Sustainability certificates	ENERGY STAR, TCO
Doesn't contain	Mercury, PVC/BFR

Other features

Compatible operating systems	Windows 11 / 10 / 8.1 / 8 / 7 Mac OS X
Exterior finish type	Textured
Picture enhancement	SmartImage
Recyclable packaging material	100%
Regulatory Approvals	CB; CE Mark; CU-EAC; EAEU RoHS; FCC Class B; ICES-003; SEMKO; TUV Ergo; TUV/GS
Heavy metals free	Hg (mercury)
EasyRead mode	✔
LowBlue mode	✔
Compliance certificates	RoHS
Mean time between failures (MTBF)	70000 h

Recycling data

Post-consumer recycled plastic	85%

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