

Samsung S49DG950SU computer monitor 124.5 cm (49") 5120 x 1440 pixels Dual QHD OLED Silver



Brand : Samsung

Product family: Odyssey

Product code:
LS49DG950SUXEN

Product name : S49DG950SU

Samsung S49DG950SU. Display diagonal: 124.5 cm (49"), Display resolution: 5120 x 1440 pixels, HD type: Dual QHD, Display technology: OLED, Response time: 0.03 ms, Native aspect ratio: 32:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub. VESA mounting, Height adjustment. Product colour: Silver

Display		Ergonomics	
Display diagonal *	124.5 cm (49")	Panel mounting interface	100 x 100 mm
Display resolution *	5120 x 1440 pixels	Height adjustment *	✓
HD type *	Dual QHD	Adjustable height (max)	12 cm
Native aspect ratio *	32:9	Tilt adjustment	✓
Display technology *	OLED	Tilt angle range	-2 - 15°
Panel type *	OLED		
Touchscreen *	✗		
Display brightness (typical)	250 cd/m²	Power	
Display brightness (min)	200 cd/m²	Energy efficiency class (SDR) *	G
Response time *	0.03 ms	Energy efficiency class (HDR) *	G
Anti-glare screen	✓	Energy consumption (SDR) per 1000 hours *	70 kWh
Screen shape *	Curved	Energy consumption (HDR) per 1000 hours *	86 kWh
Screen curvature rating	1800R	Power consumption (typical) *	70 W
Contrast ratio (typical) *	1000000:1	Power consumption (standby) *	0.5 W
Maximum refresh rate *	240 Hz	AC input voltage	100 - 230 V
Viewing angle, horizontal	178°	AC input frequency	50/60 Hz
Viewing angle, vertical	178°	Power supply type	External
Display number of colours *	1 billion colours	Energy efficiency scale	A to G
Viewable size, horizontal	119.7 cm		
Viewable size, vertical	33.9 cm	Operational conditions	
Display diagonal (metric)	124 cm	Operating temperature (T-T)	10 - 40 °C
High Dynamic Range (HDR) supported	✓	Storage temperature (T-T)	10 - 80 °C
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming)	Weight & dimensions	
Colour gamut standard	DCI-P3	Width (with stand)	1194.7 mm
Colour gamut	99%	Depth (with stand)	236.9 mm
Quantum dot color technology	✓	Height (with stand)	529.3 mm
		Weight (with stand)	12.9 kg
		Width (without stand)	1194.7 mm
		Depth (without stand)	180.8 mm
		Height (without stand)	365 mm
		Weight (without stand)	9.2 kg
Performance		Packaging data	
NVIDIA G-SYNC *	✗	Stand type	HAS stand
AMD FreeSync *	✓	Package width	1352 mm
AMD FreeSync type	FreeSync Premium Pro	Package depth	474 mm
Flicker-free technology	✓	Package height	240 mm
Operating system installed	Tizen	Package weight	18.5 kg
Multimedia		Packaging content	
RMS rated power	10 W	Stand included	✓
Built-in speaker(s) *	✓	Cables included	AC, DisplayPort, USB Type-A to USB Type-C
Built-in camera *	✗	Power cable length	1.5 m
Adaptive Sound Pro	✓		
Design			
Market positioning *	Smart		

Design		Other features	
Product colour *	Silver	Brand specific technologies	Eye Saver, Game Bar 2.0, Smart Calibration
Feet colour	Black, Silver	Sound mirroring	✓
Ports & interfaces		Screen mirroring	✓
Built-in USB hub *	✓	TV Plus	✓
Number of USB Type-C upstream ports quantity	1	SmartThings app support	✓
USB Type-C downstream ports quantity	2	Works with Samsung Bixby	✓
HDMI *	✓	Tap view	✓
HDMI ports quantity	1	Virtual assistant	Amazon Alexa & Samsung Bixby
HDMI version	2.1	Universal guide	✓
Micro HDMI ports quantity	1	Multi View	✓
DisplayPorts quantity	1	Anynet + (HDMI-CEC)	✓
DisplayPort version	1.4	Samsung Eye Saver Mode	✓
Headphone out *	✗	Image size	✓
Network		Adaptive picture	✓
Wi-Fi	✓	Off Timer Plus	✓
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Gaming Hub/Game Bar included on selected markets	✓
Bluetooth	✓	NFT marketplaces	Nifty Gateway
Bluetooth version	5.0	Virtual AIM point	✓
Ergonomics		Auto source switch+	✓
VESA mounting *	✓		



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