

Samsung G85SD computer monitor 86.4 cm (34") 3440 x 1440 pixels UltraWide Quad HD OLED Silver

Brand : Samsung

Product family: Odyssey

Product code:
LS34DG850SUXEN

Product name : G85SD

Samsung G85SD. Display diagonal: 86.4 cm (34"), Display resolution: 3440 x 1440 pixels, HD type: UltraWide Quad HD, Display technology: OLED, Response time: 0.03 ms, Native aspect ratio: 21:9, 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: Silver



Display		Ergonomics	
Display diagonal *	86.4 cm (34")	Adjustable height (max)	12 cm
Display resolution *	3440 x 1440 pixels	Pivot	✓
HD type *	UltraWide Quad HD	Pivot angle	-3 - 3°
Native aspect ratio *	21:9	Tilt adjustment	✓
Display technology *	OLED	Tilt angle range	-2 - 20°
Panel type *	OLED	On Screen Display (OSD)	✗
LED backlight	✗	Power	
Touchscreen *	✗	Energy efficiency class (SDR) *	G
Display brightness (typical)	250 cd/m²	Energy efficiency class (HDR) *	G
Response time *	0.03 ms	Energy consumption (SDR) per 1000 hours *	42 kWh
Response time measurement type	GTG (Gray to Gray)	Energy consumption (HDR) per 1000 hours *	48 kWh
Screen shape *	Curved	Power consumption (typical) *	42 W
Screen curvature rating	1800R	Power consumption (standby) *	0.5 W
Contrast ratio (typical) *	1000000:1	Power consumption (max)	180 W
Maximum refresh rate *	175 Hz	AC input voltage	100 - 240 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	80 cm	Operational conditions	
Viewable size, vertical	33.7 cm	Operating temperature (T-T)	10 - 40 °C
High Dynamic Range (HDR) supported	✓	Operating relative humidity (H-H)	10 - 80%
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus)	Weight & dimensions	
Colour gamut standard	DCI-P3	Width (with stand)	813.6 mm
Colour gamut	99%	Depth (with stand)	192.8 mm
Quantum dot color technology	✓	Height (with stand)	522.3 mm
Performance		Weight (with stand)	7.5 kg
NVIDIA G-SYNC *	✗	Width (without stand)	813.6 mm
AMD FreeSync *	✓	Depth (without stand)	128.1 mm
AMD FreeSync type	FreeSync Premium Pro	Height (without stand)	363.5 mm
Flicker-free technology	✓	Weight (without stand)	5.5 kg
Smart features		Packaging data	
Mobile to screen, Screen mirroring, Screen sound to mobile, Sound mirroring, Wireless on		Stand type	HAS stand

Performance		Packaging data	
Operating system installed	Tizen	Package width	948 mm
Multimedia		Package depth	456 mm
RMS rated power	10 W	Package height	185 mm
Built-in speaker(s) *	✓	Package weight	11.8 kg
Built-in microphone	✗	Packaging content	
Built-in camera *	✗	Cables included	AC, DisplayPort, USB Type-A to USB Type-B
Adaptive Sound Pro	✓	Remote control included	✓
Design		Power cable length	1.5 m
Market positioning *	Gaming	Other features	
Product colour *	Silver	Brand specific technologies	Eye Saver, Game Bar 2.0, Gaming Hub, Smart Calibration
Feet colour	Silver	Sound mirroring	✓
Ports & interfaces		Screen mirroring	✓
Built-in USB hub *	✓	TV Plus	✓
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Works with Samsung Bixby	✓
Number of USB Type-B upstream ports quantity	1	Tap view	✓
USB Type-A downstream ports quantity	2	Virtual assistant	Amazon Alexa & Samsung Bixby
HDMI *	✓	Far-field voice interaction	✓
HDMI ports quantity	2	Universal guide	✓
HDMI version	2.1	Multi View	✓
DisplayPorts quantity	1	Digital signal format system	Not supported
DisplayPort version	1.4	Samsung Eye Saver Mode	✓
Headphone out *	✗	Anynet + (HDMI-CEC)	✓
Network		Warranty period	2 year(s)
Wi-Fi	✓	Image size	✓
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Wireless display	✓
Bluetooth	✓	Adaptive picture	✓
Bluetooth version	5.2	Off Timer Plus	✓
Ethernet LAN	✗	Workspace	✓
Ergonomics		Factory calibration report	✓
VESA mounting *	✓	Virtual AIM point	✓
Panel mounting interface	100 x 100 mm	Supplied AC adapter type	AC
Height adjustment *	✓		



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