

Samsung M90SF computer monitor 81.3 cm (32") 3840 x 2160 pixels 4K Ultra HD OLED Silver

Brand : Samsung

Product family: Smart Monitor

Product code:
LS32FM900SUXEN

Product name : M90SF



Samsung M90SF. Display diagonal: 81.3 cm (32"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: OLED, Response time: 0.03 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: 2.0. VESA mounting, Height adjustment. Product colour: Silver

Display		Ergonomics	
Display diagonal *	81.3 cm (32")	Adjustable height (max)	12 cm
Display resolution *	3840 x 2160 pixels	Pivot	✓
HD type *	4K Ultra HD	Pivot angle	-92 - 92°
Native aspect ratio *	16:9	Tilt adjustment	✓
Display technology *	OLED	Tilt angle range	-2 - 15°
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
Display brightness (min)	200 cd/m²	Energy consumption (SDR) per 1000 hours *	55 kWh
Response time *	0.03 ms	Energy consumption (HDR) per 1000 hours *	73 kWh
Response time measurement type	GTG (Gray to Gray)	Power consumption (typical) *	55.4 W
Screen shape *	Flat	Power consumption (standby) *	0.5 W
Contrast ratio (typical) *	1000000:1	Power consumption (max)	240 W
Dynamic contrast ratio marketing name	Mega DCR	AC input voltage	100 - 240 V
Maximum refresh rate *	165 Hz	AC input frequency	50/60 Hz
Viewing angle, horizontal	178°	Power supply type	External
Viewing angle, vertical	178°	Energy efficiency scale	A to G
Display number of colours *	1 billion colours	Operational conditions	
Viewable size, horizontal	69.7 cm	Operating temperature (T-T)	10 - 40 °C
Viewable size, vertical	39.2 cm	Operating relative humidity (H-H)	10 - 80%
Display diagonal (metric)	80 cm	Weight & dimensions	
High Dynamic Range (HDR) supported	✓	Width (with stand)	717.2 mm
High Dynamic Range (HDR) technology	DisplayHDR 400 True Black, High Dynamic Range 10+ (HDR10 Plus)	Depth (with stand)	200 mm
Colour gamut standard	sRGB	Height (with stand)	601.6 mm
sRGB coverage (typical)	99%	Weight (with stand)	8.4 kg

Performance		Weight & dimensions	
NVIDIA G-SYNC *	✗	Width (without stand)	717.2 mm
AMD FreeSync *	✓	Depth (without stand)	42.5 mm
AMD FreeSync type	FreeSync Premium Pro	Height (without stand)	432.3 mm
Flicker-free technology	✓	Weight (without stand)	5.3 kg
Game mode	✓	Packaging data	
Game features	Super Ultrawide GameView	Stand type	HAS stand
Operating system installed	Tizen	Package width	909 mm
Multimedia		Package depth	124 mm
RMS rated power	10 W	Package height	515 mm
Built-in speaker(s) *	✓	Package weight	12.3 kg
Built-in microphone	✗	Package type	Box
Built-in camera *	✗	Packaging content	
Adaptive Sound Pro	✓	Stand included	✓
Design		Cables included	AC, HDMI
Market positioning *	Smart	Remote control included	✓
Product colour *	Silver	Pogo gender adapter included	✓
Feet colour	Silver	Power cable length	1.5 m
Ports & interfaces		Other features	
Built-in USB hub *	✓	Brand specific technologies	Game Bar 2.0, Smart Calibration
USB hub version	2.0	Sound mirroring	✓
USB upstream port type	USB Type-C	Screen mirroring	✓
Number of upstream ports	1	TV Plus	✓
USB Type-A downstream ports quantity	2	SmartThings app support	✓
USB Power Delivery (USB PD)	✓	Works with Samsung Bixby	✓
USB Power Delivery up to	90 W	Office 365 support	✓
HDMI *	✓	Wireless Dex support	✓
HDMI ports quantity	1	Tap view	✓
HDMI version	2.0	Virtual assistant	Amazon Alexa & Samsung Bixby
DisplayPort out quantity	1	Far-field voice interaction	✓
DisplayPort out version	1.4	Universal guide	✓
Headphone out *	✗	Multi View	✓
HDCP	✓	Digital signal format system	Not supported
HDCP version	2.2	Samsung Eye Saver Mode	✓
DC-in jack	✓	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	Auto source switch	✓
Ethernet LAN	✗	Off Timer Plus	✓
Remotely operated	✓	Gaming Hub/Game Bar included on selected markets	KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU
Ergonomics		Smart calibration	✓
VESA mounting *	✓	Knox vault	✓
Panel mounting interface	100 x 100 mm	Workspace	✓
Height adjustment *	✓	Factory calibration report	✓
		Virtual AIM point	✓



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