

Samsung 32" Smart Monitor M9 M90SF UHD

Brand : Samsung

Product family: Smart Monitor

Product code:
LS32FM902SUXXU

Product name : 32" Smart
Monitor M9 M90SF UHD



- QD-OLED technology produces deep blacks and rich colour contrast that highlight the ultra-fine details in 4K resolution.

- The 4K resolution in the built-in camera keeps video calls crystal-clear.

- Elevate your entertainment experience with AI-powered image and sound.

32" Smart Monitor M9 M90SF UHD

Samsung 32" Smart Monitor M9 M90SF UHD. 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")	Height adjustment *	✓
Display resolution *	3840 x 2160 pixels	Adjustable height (max)	12 cm
HD type *	4K Ultra HD	Pivot	✓
Native aspect ratio *	16:9	Pivot angle	-92 - 92°
Display technology *	OLED	Tilt adjustment	✓
Panel type *	OLED	Tilt angle range	-2 - 15°
Touchscreen *	✗		
Display brightness (typical)	250 cd/m²		
Display brightness (min)	200 cd/m²		
Response time *	0.03 ms		
Response time measurement type	GTG (Gray to Gray)		
Screen shape *	Flat		
Contrast ratio (typical) *	1000000:1		
Dynamic contrast ratio marketing name	Mega DCR		
Maximum refresh rate *	165 Hz		
Viewing angle, horizontal	178°		
Viewing angle, vertical	178°		
Display number of colours *	1 billion colours		
Viewable size, horizontal	69.9 cm		
Viewable size, vertical	39.5 cm		
Display diagonal (metric)	80 cm		
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	DisplayHDR 400 True Black, High Dynamic Range 10+ (HDR10 Plus)		
Colour gamut standard	sRGB		
sRGB coverage (typical)	99%		
Performance		Power	
NVIDIA G-SYNC *	✓	Energy efficiency class (SDR) *	G
NVIDIA G-SYNC type	G-SYNC Compatible	Energy efficiency class (HDR) *	G
AMD FreeSync *	✓	Energy consumption (SDR) per 1000 hours *	55 kWh
AMD FreeSync type	FreeSync Premium Pro	Energy consumption (HDR) per 1000 hours *	73 kWh
Flicker-free technology	✓	Power consumption (typical) *	55.4 W
Game mode	✓	Power consumption (standby) *	0.5 W
Game features	Gaming Hub, Game Bar 2.0	Power consumption (max)	240 W
Smart features	Mobile to screen, Screen initiate mirroring, Sound mirroring, Wireless on	AC input voltage	100 - 240 V
Operating system installed	Tizen	AC input frequency	50/60 Hz
		Power supply type	External
		Energy efficiency scale	A to G
		Annual energy consumption	81 kWh
		Operational conditions	
		Operating temperature (T-T)	10 - 40 °C
		Operating relative humidity (H-H)	10 - 80%
		Non-operating relative humidity (non-condensing)	10 - 80%
		Weight & dimensions	
		Width (with stand)	717.2 mm
		Depth (with stand)	200 mm
		Height (with stand)	601.6 mm
		Weight (with stand)	8.4 kg
		Width (without stand)	717.2 mm
		Depth (without stand)	42.5 mm
		Height (without stand)	432.3 mm
		Weight (without stand)	5.3 kg
		Packaging data	
		Stand type	HAS stand
		Package width	909 mm

Multimedia		Packaging data	
RMS rated power	10 W	Package depth	124 mm
Built-in speaker(s) *	✓	Package height	124 mm
Megapixel (approx.)	12 MP	Package weight	12.3 kg
Built-in microphone	✓	Package type	Box
Built-in camera *	✓	Packaging content	
Adaptive Sound Pro	✓	Stand included	✓
Design		Cables included	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	Eye Saver, Ultrawide GameView, Gaming Hub, 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	2.1	Virtual assistant	Amazon Alexa & Samsung Bixby
DisplayPorts quantity	1	Far-field voice interaction	✓
DisplayPort out quantity	1	Universal guide	✓
DisplayPort out version	1.4	Multi View	✓
DisplayPort version	1.4	Security update term	31 DECEMBER 2030
Headphone out *	✗	Samsung Eye Saver Mode	✓
HDCP	✓	Anynet + (HDMI-CEC)	✓
HDCP version	2.2	Image size	✓
DC-in jack	✓	Wireless display	✓
Network		Adaptive picture	✓
Wi-Fi	✓	Auto source switch	✓
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Off Timer Plus	✓
Bluetooth	✓	Gaming Hub/Game Bar included on selected markets	KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU
Bluetooth version	5.2	Smart calibration	✓
Remotely operated	✓	Knox vault	✓
Ergonomics		Workspace	✓
VESA mounting *	✓	Factory calibration report	✓
Panel mounting interface	100 x 100 mm	Virtual AIM point	✓
Wall mountable	✓	Certification	Windows11

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