

SAMSUNG



32" Smart Monitor M9 M90SF 4K OLED Samsung Vision AI

LS32FM902SNXZA

Samsung's 32" M9 Smart Monitor with 4K QD-OLED technology delivers vibrant, true-to-life visuals. VESA DisplayHDR True Black 400 gives vibrant colors and true blacks for unmatched depth and clarity. Samsung's OLED Safeguard+ features a dynamic cooling system, built right into the monitor to help prevent burn-ins. Featuring a 165Hz refresh rate and 0.03ms response time, gameplay is exhilarating and fluid. Smart TV Apps provide instant access to your favorite content directly from the monitor while Gaming Hub allows access to the biggest games from top streaming partners, no PC or console needed. Click-to-Search offers content details with just a click. Powered by the NQM AI Gen3 Processor, lower resolution content can be upscaled to 4K while the AI Picture Optimizer adapts the visuals for optimal quality whether working, gaming, or watching videos. Active Voice Amplifier Pro uses advanced audio processing to deliver every word with clarity, and the 4K Built-in Camera captures content in high resolution for crystal-clear video calls.

Key features



4K QD-OLED

Immerse yourself in astounding picture quality. QD-OLED technology produces deep blacks and rich color contrast that highlight the ultra-fine details in 4K resolution — delivering vibrant, true-to-life visuals.

165Hz
Refresh Rate

0.03ms
Response Time

165Hz refresh rate and 0.03ms response time (GtG)

Outmaneuver your opponents with ultra-smooth action. The 165Hz refresh rate minimizes lag, ensuring that your fast-paced games are fluid. Plus, OLED technology provides a near-instant 0.03ms GtG response time, delivering supreme speed for exhilarating gameplay.



Smart TV experience with AI

Stream content directly from your monitor, or tune into Samsung TV Plus to get live TV channels and on-demand content.



4K AI upscaling

Unlock the full potential of a 4K screen when streaming content directly on your monitor. Powered by the NQM AI Gen3 Processor, AI upscaling turns lower resolution content up to 4K, transforming entertainment with new levels of definition.



VESA DisplayHDR True Black 400

Experience true blacks and vibrant colors with minimal light leaking across the screen, giving your content unmatched depth and clarity.



Gaming Hub

Access the ultimate gaming realm. In the Samsung Gaming Hub, you can play the biggest games from top streaming partners, with no PC or console needed. Discover new games or replay old favorites all in one place.

Specifications

Model Code		LS32FM902SNXZA
Display	Screen Size (Class)	32"
	Flat / Curved	Flat
	Active Display Size (HxV) (mm /in.)	699.48 x 394.73 mm / 27.5 x 15.5 in.
	Aspect Ratio	16:9
	Panel Type	OLED
	Burn-In cover in warranty	Burn-in at normal usage covered within warranty (but not covered for commercial, abuse or misuse)
	Brightness (Typical)	250 cd/m ²
	Brightness (Min)	200 cd/m ²
	Contrast Ratio (Static)	1,000,000:1(Static)
	Contrast Ratio (Dynamic)	Mega DCR
	HDR(High Dynamic Range)	VESA DisplayHDR True Black 400
	HDR10+	HDR10+
	Resolution	4K (3,840 x 2,160)
	Response Time (ms)	0.03ms (GTG)
	Viewing Angle (H/V)	178°/178°
	Color Support	Max1B
General Feature	Color Gamut (sRGB Coverage)	99% (CIE1931)
	Frame Rate	Max165Hz
	Eye Saver Mode	Yes
	Flicker Free	Yes
	Image Size	Yes
	Windows Certification	Windows11
	FreeSync	FreeSync Premium Pro
	Off Timer Plus	Yes
	Virtual AIM Point	Yes
	Game Bar	Yes
	Gaming Hub	Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)
	HDMI-CEC	Yes
	Auto Source Switch	Auto Source Switch+
	Adaptive Picture	Yes
Smart Service	Super Ultrawide GameView	Yes
	Smart Type	Smart
	Operating System	Tizen™
	Bixby	Yes
	Far-Field Voice Interaction	Yes
	Built-in Voice Assistant	Alexa
	TV Plus	Yes
	Universal Guide	Yes
	SmartThings Hub	Yes
	Multi Device Experience	Mobile to Screen, Screen initiate mirroring, Sound Mirroring, Wireless On, Tap View
	ScreenVitals	Yes
	Multi View	Up to 2 videos
Interface	Smart Calibration	Basic
	Knox Vault	Yes
	Workspace	Yes
	Wireless Display	Yes
	Display Port	1 EA
	Display Port Version	1.4
	HDCP Version (DP)	2.2
	HDMI	1 EA
	HDMI Version	2.1
	HDCP Version (HDMI)	2.2
	USB-C	1 EA
	USB-C Charging Power	90W
	USB Type-A Downstream Port	2
	USB Type-A Downstream Version	2
Audio	HDCP Version (USB-C)	2.2
	Wi-Fi	Yes (Wi-Fi5)
	Bluetooth	Yes (5.2)
	Built-in Camera	Yes (5MP, IR Camera, Mic)
Operation Conditions	Speaker	Yes
	Speaker Output	10W
	Adaptive Sound	Adaptive Sound Pro
Calibration	Temperature	10 - 40 °C
	Humidity	10 - 80 (Non-Condensing) %
Design	Factory Tuning	Yes
	Factory Calibration Report	Yes
	Front Color	Carbon Silver
	Rear Color	Eclipse Silver
	Stand Color	Eclipse Silver
	Stand Type	HAS PIVOT
	HAS(Height Adjustable Stand)	120.0 mm (±5.0 mm) / 4.7 inches (±.2 inches)
Eco	Tilt	-2.0 (±2.0) - 25.0° (±2.0°)
	Pivot	-92.0 (±2.0) - 92.0° (±2.0°)
	Wall Mount	100 x 100
Power	Recycled Plastic	20%
	Power Supply	AC 100 - 240 V (50/60Hz)
	Power Consumption (Max)	240 W
Dimension	Type	External Adaptor
	Set Dimension with Stand (WxHxD)	717.2 x 601.6 x 200.0 mm / 28.2 x 23.7 x 7.9 in.
	Set Dimension without Stand (WxHxD)	717.2 x 432.3 x 42.5 mm / 28.2 x 17 x 1.7 in.
Weight	Package Dimension (WxHxD)	909.0 x 124.0 x 515.0 mm / 35.8 x 4.9 x 20.3 in.
	Set Weight with Stand	8.4 kg / 18.5 lbs.
	Set Weight without Stand	5.3 kg / 11.7 lbs.
Accessory	Package Weight	12.3 kg / 27.1 lbs.
	Power Cable Length	1.5 m / 4.9 ft.
	HDMI Cable	Yes
Certification and Compliance	Remote Controller	Yes
	UL Glare Free	Yes

Front view



Back view



Side view



Connectivity

