

SAMSUNG



32" Smart Monitor M8 M80F 4K Samsung Vision AI

LS32FM803UNXZA

Samsung's 32" M8 Smart Monitor, with the NQM AI Processor and featuring 4K UHD resolution, delivers an AI-powered experience. Smart TV Apps provide instant access to your favorite content. The processor upscales lower-resolution content to 4K, while the AI Picture Optimizer adapts visuals for optimal quality whether you're working, gaming, or watching videos. Knox Security protects your data and enhances the safety of your IoT connections through tightly controlled access. Copilot offers personalized viewing recommendations, and Click-to-Search provides instant content details. Gaming Hub gives access to the biggest games from top streaming partners with no PC or console required. Active Voice Amplifier Pro uses advanced audio processing to ensure dialogue comes through clearly. SmartThings enables control of connected devices, turning your monitor into a central IoT hub. The SlimFit Camera attaches to the monitor and provides clear picture quality. The ergonomically designed stand supports comfortable viewing with height adjustment, tilt, and pivot capabilities. Multiple ports, including USB-C, HDMI, and USB-A, make connectivity simple.

Key features



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 Processor, AI upscaling turns lower resolution content up to 4K, transforming entertainment with new levels of definition.



AI Picture Optimizer

Experience optimal picture quality adjusted to your needs. AI Picture Optimizer adapts the visuals to help you work on documents with comfort, get fully immersed in games with deep, rich blacks, and watch videos in vibrant colors.



Knox security

Keep your monitor data safe and confidential with Samsung Knox. Its robust, multi-layered security and tightly controlled access also enhance the security of your IoT connections made through your Smart Monitor.



SmartThings

See your smart home devices in a 3D Map View and manage them with ease. You can also check the energy usage and cost by device, and save money by putting them in energy-saving modes. Simply tap into the all-in-one IoT hub using your mobile phone or voice command — without pausing shows.



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.

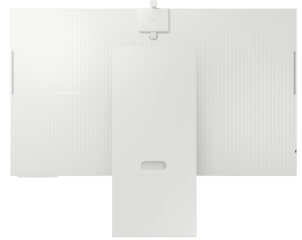
Specifications

Model Code	LS32FM902SNXZA	
Display	Screen Size (Class)	32"
	Flat / Curved	Flat
	Active Display Size (HxV) (mm)	697.306 x 392.234 mm / 27.5 x 15.4 in.
	Aspect Ratio	16:09
	Panel Type	VA
	Brightness (Typical)	400 cd/m ²
	Brightness (Min)	300 cd/m ²
	Contrast Ratio (Static)	3,000:1 (Static)
	HDR(High Dynamic Range)	HDR10
	HDR10+	Certified (HDR10+)
	Resolution	4K (3,840 x 2,160)
	Response Time (ms)	4ms(GTG)
	Viewing Angle (H/V)	178° / 178°
	Color Support	Max 1B
	Color Gamut (sRGB Coverage)	99% (CIE1931)
Frame Rate	Max 60Hz	
General Feature	Eye Saver Mode	Yes
	Flicker Free	Yes
	Image Size	Yes
	Windows Certification	Windows11
	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
	Super Ultrawide GameView	Yes
Smart Service	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
	Smart Calibration	Basic
	Knox Vault	Yes
Workspace	Yes	
Interface	Wireless Display	Yes
	HDMI	1 EA
	HDMI Version	2
	HDCP Version (HDMI)	2.2
	USB Ports	2
	USB Hub Version	2
	USB-C	1 EA
	USB-C Charging Power	65W
	HDCP Version (USB-C)	2.2
	WiFi	Yes (WiFi5)
Audio	Bluetooth	Yes (5.2)
	Speaker	Yes
Operation Conditions	Speaker Output	10W
	Adaptive Sound	Adaptive Sound Pro
Calibration	Temperature	10~40 °C / 50~104 °F
	Humidity	10%~80% (non-condensing) %
Design	Factory Tuning	Yes
	Front Color	Warm White
	Rear Color	Warm White
	Stand Color	Warm White
	Stand Type	HAS PIVOT
	HAS (Height Adjustable Stand)	120.0 ±5.0 / 4.7 ±0.2 inches
	Tilt	-2.0°(±2.0°) ~ 15.0°(±2.0°)
Power	Pivot	-92.0°(±2.0°) ~ 92.0°(±2.0°)
	Wall Mount	100 x 100
Dimension	Power Supply	AC 100~240V
	Power Consumption (Max)	140 W
	Type	External Adaptor
Weight	Set Dimension with Stand (WxHxD)	713.4 x 616.2 x 200.1 mm / 28.0 x 24.3 x 7.9 in.
	Set Dimension without Stand (WxHxD)	713.4 x 423.8 x 24.5 mm / 28.0 x 16.7 x 1 in.
	Package Dimension (WxHxD)	909 x 122 x 483 mm / 35.8 x 4.8 x 19 in.
Accessory	Set Weight with Stand	7.0 kg / 15.4 lbs.
	Set Weight without Stand	4.0 kg / 8.8 lbs.
	Package Weight	10.5 kg / 23.1 lbs.
	Power Cable Length	1.5 m / 4.9 ft.
	HDMI Cable	Yes
	USB Type-C Cable	Yes
	Remote Controller	Yes
	Camera	Yes
	Pogo Gender	Yes

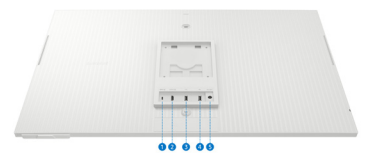
Front view



Back view



Side view



- USB Type-C Upstream
- HDMI IN
- USB Type-A Downstream
- USB Type-A Downstream
- POWER

©2025 Samsung Electronics America, Inc. Samsung is a registered mark of Samsung Electronics Corp., Ltd. Specifications and design are subject to change without notice. Non-metric weights and measurements are approximate. Simulated screen images. All brand, product, service names and logos are trademarks and/or registered trademarks of their respective manufacturers and companies. See samsung.com for detailed information. Printed in USA. M80F-APRIL2025