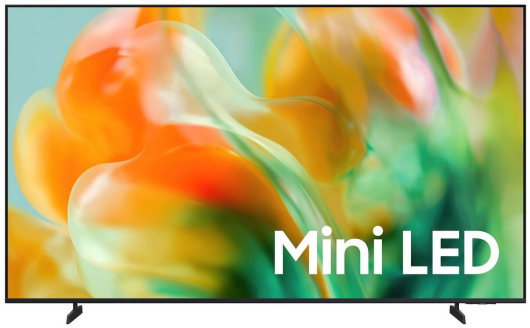
SAMSUNG UA65M80H

SAMSUNG UA65M80H M80H 65" Mini LED 4K 3840x2160 Vision AI Smart TV, HDMI

Product Overview

SAMSUNG UA65M80H M80H 65" Mini LED 4K 3840x2160 Vision AI Smart TV, NQ4 AI Gen2 Processor, 144 Hz Refresh Rate, 240 Hz DLG, Mini LED HDR, HDR 10+, Motion Xcelerator 144 Hz, 4K AI upscaling, Colour booster Pro, 20 W Sound Output (RMS), 2ch Speaker Type, Dolby 5.1 decoder, Tizen Smart TV Operating System, Up to 2 videos Multi-View, FreeSync Premium, Wi-Fi, Bluetooth, 3x HDMI, eARC HDMI Audio return channel, 1x USB Type-A, Ethernet (LAN), 200x200 mm VESA spec









Specifications

Overview Summary:

Buy the Samsung UA65M80H 65-inch Mini LED 4K Vision AI Smart TV for an immersive home entertainment experience. Its detailed 4K picture, HDR support, AI-powered processing and 144Hz refresh rate make it well suited to movies, streaming, live sport and responsive gaming.

With Tizen smart features, Wi-Fi, Bluetooth, FreeSync Premium and versatile connectivity, this Samsung TV is built for a modern connected home. Buy now and upgrade your viewing experience, or shop now for premium 65-inch 4K entertainment in South Africa.

Performance tier: Premium

Uses: Streaming, movies, live sport, console gaming, smart home control, everyday TV viewing

Overview:

65 Inch Mini LED M80H 4K Samsung Vision AI Smart TV (2026)
UA65M80HAUXXA

Description:

The Samsung UA65M80H M80H is a 65 inch Mini LED 4K Smart TV designed for premium home entertainment, gaming and everyday smart viewing. Its NQ4 AI Gen2 Processor uses AI processing to enhance picture and sound, while Mini LED technology provides improved contrast, deeper blacks and brighter highlights. With a 144 Hz refresh rate, support for up to 4K 144 Hz gaming and 2K 240 Hz gaming, FreeSync Premium and AI Gaming Optimizer, it is also well suited to modern gaming setups.

Samsung Vision AI adds intelligent functions for picture, sound, content discovery and everyday interaction. The Tizen operating system provides access to a wide range of smart TV services, while SmartThings integration allows the television to form part of a connected smart home. The slim MetalStream Design also gives the TV a modern appearance that works well in contemporary living spaces.

Features:

Samsung Vision AI Smart TV
Samsung Vision AI turns the TV into an intelligent companion that can respond to requests and provide context-aware information without interrupting what is being viewed. AI functions can assist with everyday activities such as checking information, following sports, discovering content and interacting with compatible smart home devices.

The Samsung Vision AI Companion is supported by advanced AI capabilities and is designed to make interaction with the TV more natural and useful.

AI Football Mode for Better Sports Viewing
AI Football Mode automatically optimizes picture and sound settings for football. The TV adjusts colors, contrast and audio presentation to make the action easier to follow, while helping dialogue and commentary remain clear during busy match scenes.

AI Sound Controller
AI Sound Controller analyzes audio in real time and separates voices from sound effects. Users can then adjust these audio elements independently through the on-screen interface or compatible voice commands, helping create a more personalized listening experience for movies, television and games.

Generative Wallpaper
Generative Wallpaper allows the TV to create AI-generated images based on selected themes or keywords. This can transform the display into a personalized visual background when the TV is not being used for conventional viewing.

NQ4 AI Gen2 Processor and 4K AI Upscaling
The NQ4 AI Gen2 Processor uses 20 AI neural networks to optimize picture and sound quality. It analyzes content and works to improve detail, clarity and overall presentation across streaming services, television programming, sports and gaming.

4K AI Upscaling can enhance lower-resolution content towards 4K quality, helping older or lower-resolution sources look sharper and more detailed on the large 65 inch screen.

Mini LED Picture Quality
Mini LED technology uses smaller backlights than conventional LED televisions, allowing the TV to control illumination more precisely. This helps produce deeper contrast, improved shadow detail and brighter highlights for a more immersive picture.

Mini LED HDR enhances contrast across scenes, helping reveal detail in both dark and bright areas. Pure Spectrum Color is designed to deliver more natural and precise color reproduction across a wider range of shades.

Color Booster Pro uses AI scene analysis to adjust color expression, creating more vivid and dynamic images without relying on excessive saturation.

Auto HDR Remastering can analyze SDR content and enhance it to provide an HDR-like presentation with brighter highlights, clearer detail and more vibrant colors.

Real Depth Enhancer improves the perception of depth by increasing contrast between foreground subjects and their backgrounds. This can make objects and people appear more naturally separated from the scene behind them.

Smooth 4K Gaming at High Refresh Rates
The Samsung UA65M80H is equipped for high-performance gaming, with Motion Xcelerator 144Hz supporting smooth motion at high frame rates. Compatible games can run at up to 4K 144 Hz or 2K 240 Hz with VRR support.

AI Gaming Optimizer analyzes the game in real time and can automatically identify the game genre before applying suitable picture settings. This helps reduce the need to manually adjust settings between different types of games.

Game Bar provides quick access to useful gaming controls, including FPS information, input lag settings, minimap zoom and aspect ratio options. The TV also supports 21:9 and 32:9 ultra-wide viewing ratios for compatible games.

AMD FreeSync Premium helps reduce screen tearing and stuttering while supporting low-latency HDR gaming for a smoother experience.

Immersive Samsung Audio
The built-in 2-channel speaker system provides 20 W RMS sound output. Samsung audio processing adds intelligent enhancements designed to improve dialogue, spatial presentation and overall clarity.

Adaptive Sound+ analyzes scenes and adjusts audio in real time according to the content and room environment. Active Voice Amplifier helps make dialogue clearer when surrounding noise could otherwise make voices harder to hear.

Object Tracking Sound Lite creates a virtual 3D surround effect that helps audio follow the action on screen.

Q-Symphony allows compatible Samsung TVs and soundbars to work together, using the speakers from both devices simultaneously to create a more immersive audio presentation.

Tizen Smart TV and One UI Tizen
The Samsung Tizen Smart TV platform provides access to apps, streaming services and smart TV functions through an intuitive interface. One UI Tizen is designed to provide a consistent Samsung experience with convenient access to content, AI functions and connected devices.

Samsung states that One UI Tizen will support Tizen OS upgrades for up to seven years, helping keep the TV current with new apps and services.

Google Photos for Samsung TV provides access to photos and memories on the large screen, while the Art Store provides access to thousands of artworks from museums and artists.

The Now Brief function can display useful information such as weather, schedules, reminders and compatible smart home updates.

Samsung Knox Security
Samsung Knox Security is designed to protect the TV and connected information. It helps safeguard sensitive data, monitor connected IoT devices and block harmful applications or websites, with ongoing security updates supporting continued protection.

SmartThings Connected Home
SmartThings allows the TV to work with compatible smart home devices. Users can connect and control supported lighting, appliances, blinds, air conditioning and other devices through a centralized smart home experience.

Quick Remote allows a compatible smartphone to function as a remote control through the SmartThings app. Users can change channels, adjust volume, access media and manage supported TV settings from their phone.

Pet Care can use the TV microphone to detect certain sounds such as barking and can respond by activating selected content designed to help entertain or calm pets while the owner is away.

Storage Share allows compatible Galaxy devices to share photos, videos and other content directly to the TV.

AI Energy Mode can analyze surrounding light levels, usage patterns and on-screen content to adjust brightness automatically and help reduce energy consumption where possible.

Entertainment for the Whole Family
The Samsung UA65M80H also includes a karaoke function that allows a compatible smartphone or wireless microphone to be used for karaoke entertainment. This provides an easy way to turn the TV into a social entertainment system for family gatherings and parties.

Slim MetalStream Design
The MetalStream Design gives the TV a slim, modern appearance with a metal body inspired by aircraft design. The narrow bezel helps maximize the visible screen area and creates a more immersive viewing experience.

The 65 inch display is suitable for living rooms, home entertainment areas and gaming spaces where a large 4K screen is required.

Key Technical Details

- Display size: 65 inches
- Resolution: 4K UHD, 3840 x 2160
- Display technology: Mini LED
- Processor: NQ4 AI Gen2 Processor
- AI processing: 20 AI neural networks
- Refresh rate: 144 Hz
- Gaming support: Up to 4K 144 Hz and 2K 240 Hz with VRR
- HDR: Mini LED HDR and HDR10+
- Picture processing: 4K AI Upscaling, Color Booster Pro, Auto HDR Remastering and Real Depth Enhancer
- Gaming technologies: Motion Xcelerator 144Hz, AI Gaming Optimizer and AMD FreeSync Premium
- Audio output: 20 W RMS
- Speaker configuration: 2-channel
- Audio processing: Dolby 5.1 decoder, Adaptive Sound+, Active Voice Amplifier and Object Tracking Sound Lite
- Smart TV platform: Tizen

- Multi View: Up to 2 videos
- Wireless connectivity: Wi-Fi and Bluetooth
- HDMI: 3 ports
- HDMI audio: eARC
- USB: 1 x USB Type-A
- Wired network: Ethernet LAN
- VESA mounting: 200 x 200 mm
- Colour: Black
- Model number: UA65M80HAUXXA
- Part number / SKU: SAMSUNG UA65M80H

Connectivity and Installation
The TV provides Wi-Fi and Bluetooth for wireless connectivity, along with Ethernet LAN for a wired network connection. Three HDMI ports provide connections for gaming consoles, media players, soundbars and other compatible equipment. HDMI eARC supports compatible audio equipment requiring an enhanced audio return connection.

For wall mounting, the Samsung UA65M80H uses a 200 x 200 mm VESA mounting pattern, making it suitable for compatible TV brackets and wall mounts.

Ideal Uses for the Samsung 65 Inch M80H
The combination of Mini LED picture quality, AI processing, high refresh rate gaming and Tizen smart functionality makes this TV suitable for a range of uses. It can be used as a main living room television, a home cinema display, a sports viewing screen or a large-format gaming display.

For gaming, the 144 Hz refresh rate, 4K 144 Hz support, 2K 240 Hz capability, VRR and FreeSync Premium provide the performance needed for compatible high-frame-rate gaming systems. For everyday entertainment, the AI picture processing and Mini LED technology help deliver detailed, vibrant images across a wide range of content.

Specifications:

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Specifications	
Product Code	SAMSUNG UA65M80H
Product Type	LED
Display	
Screen Size	65"
Resolution	3840 x 2160
Refresh Rate	144 Hz (VRR Support)
DLG	240 Hz
Video	
Picture Engine	NQ4 AI Gen2 Processor
HDR (High Dynamic Range)	Mini LED HDR
HDR 10+	Support

Auto HDR Remastering	Auto HDR Remastering
Contrast	Mini LED
Micro Dimming	Supreme Mini LED Dimming
Contrast Enhancer	Real Depth Enhancer
Motion Technology	Motion Xcelerator 144 Hz
Smart Calibration	Basic
AI Picture	AI Customization
AI Upscale	4K AI Upscaling
HDR Brightness Optimizer	Yes
Color Booster	Color Booster Pro
Filmmaker Mode (FMM)	Yes
Audio	
Object Tracking Sound	OTS Lite
Dolby 5.1 Decoder	MS12 2ch
Q-Symphony	Yes
Sound Output (RMS)	20 W
Speaker Type	2ch
Active Voice Amplifier	Active Voice Amplifier
Adaptive Sound	Adaptive Sound+
AI Sound Controller	AI Sound Controller
Smart Service	
Operating System	Tizen Smart TV
Bixby	Yes
Far-Field Voice Interaction	Yes
Web Browser	Yes
SmartThings Hub / Matter Hub / IoT-Sensor Functionality / Quick Remote	Yes
Smart Feature	
Multi Device Experience	Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On
Multi-View	up to 2 Videos
Apple AirPlay	Yes (w/o Equatorial Guinea, Eritrea, Ethiopia, Djibouti, Lesotho, Mauritania, Sao Tome and Principe, Sierra Leone, Somalia, Republic of South Sudan, Sudan, Togo)
Now brief	Voice / User Detection
Storage Share	Yes
Generative Wallpaper	Yes
Karaoke Mic	Yes
Soccer Mode	AI Soccer / Football Mode

Game Feature	
Auto Game Mode (ALLM)	Yes
Game Motion Plus	Yes
VRR	Yes
Dynamic Black EQ	Yes
Surround Sound	Yes
Super Ultra Wide Game View	Yes
Game Bar	Yes
Mini Map Zoom	Yes
FreeSync	FreeSync Premium
HGiG	Yes
AI Auto Game Mode	Yes
AI Gaming Optimizer	Yes
Tuner/Broadcasting	
Digital Broadcasting	DVB-T2CS2
Analog Tuner	Yes
TV Key	Yes
Connectivity	
Wi-Fi	Yes (Wi-Fi 5)
Bluetooth	Yes (5.3)
HDMI	3
HDMI (High Frame Rate)	4K 144 Hz (for HDMI 1/2/3)
HDMI Audio Return Channel	eARC
Anynet+ (HDMI-CEC)	Yes
USB	1 x USB-A
Ethernet (LAN)	1
RF In (Terrestrial / Cable input)	1 / 1(Common Use for Terrestrial) / 1
Design	
Design	Metal Stream
Bezel Type	3 Bezel-less
Front Color	Black
Stand Type	Basic Feet
Stand Color	Black
Additional Feature	
Art Store	Yes
Embeded POP	Yes
EPG	Yes

Extended PVR	Yes
IP Control	Yes
OSD Language	Local Languages
Accessibility	
Accessibillity - Voice Guide	English (UK),French (France),Portuguese (Portugal)
Audio Description	Yes
High Contrast	Yes
Zoom Menu and Text	Yes
SeeColors	Yes
Colors Inversion	Yes
Grayscale	Yes
Auto Picture Off	Yes
Magnification	Yes
Relumino	Yes
Closed Caption (Subtitle)	Yes
Multi-output Audio	Yes
Sign Language Zoom	Yes
Slow Button Repeat	Yes
Accessibility Remote	Yes
Learn TV Remote	Yes
Learn Menu Screen	Yes
Accessibility Shortcuts Edit	Yes
Auto Menu Sort	Yes
Power & Eco Solution	
Power Consumption (Max)	170 W
Power Supply	AC220-240 V~ 50/60 Hz
Eco Sensor	Yes
Auto Power Saving	Yes
Auto Power Off	Yes
Dimension	
Package Size (WxHxD)	1578 x 930 x 142 mm
Set Size with Stand (WxHxD)	1444.1 x 882.2 x 222 mm
Set Size without Stand (WxHxD)	1444.1 x 831.2 x 76.8 mm
Stand (Basic) (WxD)	1004.6 x 222 mm
VESA Spec	200 x 200 mm
Weight	
Package Weight	19.8 kg

Set Weight with Stand	14.3 kg
Set Weight without Stand	14.0 kg
Accessory	
Full motion slim wall mount (Y22) support	Yes
Webcam Support	Yes
Zigbee / Thread Module	Dongle Support
User Manual	Yes
Power Cable	Yes

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx.co.za/SAMSUNG-UA65M80H-SAMSUNG-UA65M80H-M80H-65-Mini-LED-4K-3840x2160-Vision-AI-Smart-TV-p-339893.php

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