

SAMSUNG

OLED S85H 4K Samsung Vision AI Smart TV (2026)

The answer to ultimate immersion



48", 55", 55", 65", 77", 83"

Top Features

Ask your companion. Samsung Vision AI is here.

Getting help from Samsung Vision AI Companion has never been easier. Responses come instantly with related video/image options to choose from, making your discovery richer and more personalised than any other AI assistant on your TV.¹

Exceptional detail unveiled with OLED HDR

Our NQ4 AI Gen2 processor uses the power of 20 AI neural networks to analyse each scene and boost brightness. The result is a beautifully bright screen with incredible contrast, which brings hidden details to light.²

Powerful, responsive and gamer approved

Unlock a premium gaming experience and get ready to lift your game with Motion Xcelerator 120Hz, NVIDIA G-SYNC and AMD FreeSync Premium. Enjoy immersive gameplay with ultra-smooth, tear-free, low latency and real-time responsive performance.³

Contour Design

Contour Design features a sleek unibody that connects seamlessly from top to bottom. Its smooth flowing silhouette is reminiscent of a wave, and makes an elegant addition to any space.⁴

¹ Information based on Samsung TV Plus channels only. Provides AI created content, with accuracy not guaranteed. Not all accents, dialects, and expressions are recognised. Availability of features may vary. Available on 2025 Q7F and above, and 2026 TVs.

² Source content must be HDR10+ format. The range of HDR luminance is based on internal testing standards and subject to change according to viewing environment or specific conditions.

³ AMD FreeSync™ requires a compatible gaming PC with a FreeSync-compatible AMD graphics card or APU. NVIDIA® G-SYNC® Compatible requires a G-SYNC compatible NVIDIA graphics card or a FreeSync-compatible AMD graphics card or APU and requires enabling VRR settings in both the TV and GPU driver settings. Viewing experience may vary according to types of content and graphics processing unit, as well as network connection speeds and ping levels when gaming on the cloud.

⁴ Cable not shown.

		48"	55"	65"	77"	83"
Smart Service	Far-Field Voice Interaction	Yes	Yes	Yes	Yes	Yes
	Built-in Voice Assistant	Alexa	Alexa	Alexa	Alexa	Alexa
	Works with AI Speaker	Alexa, Google Assistant				
	Operating System	Tizen™ Smart TV				
	Bixby	Yes	Yes	Yes	Yes	Yes
	Samsung TV Plus	Yes	Yes	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes	Yes	Yes
	SmartThings Hub / Matter Hub / IoT-Sensor Functionality / Quick Remote Universal Guide	Yes	Yes	Yes	Yes	Yes
Smart Feature	Multi Device Experience	Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On	Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On	Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On	Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On	Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On
	Multi-View	Up to 2 videos				
	Apple AirPlay 2	Yes	Yes	Yes	Yes	Yes
	Daily+	Yes	Yes	Yes	Yes	Yes
	Now brief	Voice / User Detection				
	Storage Share	Yes	Yes	Yes	Yes	Yes
	Vision AI Companion	Yes (AU, VN, TH, MM, KH, LA, PH, SG)	Yes (AU, VN, TH, MM, KH, LA, PH, SG)	Yes (AU, VN, TH, MM, KH, LA, PH, SG)	Yes (AU, VN, TH, MM, KH, LA, PH, SG)	Yes (AU, VN, TH, MM, KH, LA, PH, SG)
	Generative Wallpaper	N/A	N/A	N/A	N/A	Yes
	Karaoke Mic	Yes	Yes	Yes	Yes	Yes
	Google Cast	Yes	Yes	Yes	Yes	Yes
	Soccer / Football Mode	AI Soccer / Football Modo	AI Soccer / Football Mode			
Game Feature	Auto Game Mode (ALLM)	Yes	Yes	Yes	Yes	Yes
	Game Motion Plus	Yes	Yes	Yes	Yes	Yes
	VRR	Yes	Yes	Yes	Yes	Yes
	Dynamic Black EQ	Yes	Yes	Yes	Yes	Yes
	Surround Sound	Yes	Yes	Yes	Yes	Yes
	Ultra Wide Game View	Yes	Yes	Yes	Yes	Yes
	Game Bar	Yes	Yes	Yes	Yes	Yes
	MiniMap Zoom	Yes	Yes	Yes	Yes	Yes
	Hue Sync	Yes	Yes	Yes	Yes	Yes
	FreeSync	FreeSync Premium				
	G-SYNC	Yes	Yes	Yes	Yes	N/A
	HGiG	Yes	Yes	Yes	Yes	Yes
	Gaming Hub	Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)	Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)	Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)	Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)	Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)
	AI Auto Game Mode	Yes	Yes	Yes	Yes	Yes

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Tuner/Broadcasting	Digital Broadcasting	DVB-T(T2 Ready)				
	CI (Common Interface)	N/A	N/A	N/A	N/A	N/A
	Analog Tuner	Yes	Yes	Yes	Yes	Yes
Connectivity	HDMI	4	4	4	4	4
	HDMI Maximum Input Rate	4K 120 Hz (for HDMI 1/2/3/4)				
	USB	2 x USB-A				
	POGO (SlimFit Cam Only)	N/A	N/A	N/A	N/A	N/A
	Ethernet (LAN)	1	1	1	1	1
	Audio Out (Mini Jack)	N/A	N/A	N/A	N/A	N/A
	Digital Audio Out (Optical)	1	1	1	1	1
	RF In (Terrestrial / Cable input / Satellite input)	1/1(Common Use for Terrestrial)/0				
	Ex-Link (RS-232C)	N/A	N/A	N/A	N/A	N/A
	HDMI Audio Return Channel	eARC	eARC	eARC	eARC	eARC
	One Connect Box	N/A	N/A	N/A	N/A	N/A
	Wi-Fi	Yes (Wi-Fi 6E)				
	Bluetooth	Yes (5.3)				
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes	Yes
Design	Design	Contour	LaserSlim	LaserSlim	LaserSlim	LaserSlim
	Bezel Type	4 Bezel-less				
	Front Colour	GRAPHITE BLACK				
	Stand Type	SIMPLE BLADE WIDE	SIMPLE LINEAR	SIMPLE LINEAR	SIMPLE LINEAR	SIMPLE LINEAR
	Stand Colour	BLACK	BLACK	BLACK	BLACK	BLACK
Additional Feature	Auto Rotation	N/A	N/A	N/A	N/A	N/A
	Art Mode	N/A	N/A	N/A	N/A	N/A
	Art Store	N/A	N/A	N/A	N/A	N/A
	Motion Detection	N/A	N/A	N/A	N/A	N/A
	Knox Vault	N/A	N/A	N/A	N/A	N/A
	Embedded POP	N/A	N/A	N/A	N/A	N/A
	EPG	Yes	Yes	Yes	Yes	Yes
	Extended PVR	Yes	Yes	Yes	Yes	Yes
	IP Control	Yes	Yes	Yes	Yes	Yes
	OSD Language	Local Languages				

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Accessibility	Auto Description	Yes	Yes	Yes	Yes	Yes
	High Contrast	Yes	Yes	Yes	Yes	Yes
	Zoom Menu and Text	Yes	Yes	Yes	Yes	Yes
	SeeColours	Yes	Yes	Yes	Yes	Yes
	Colours Inversion	Yes	Yes	Yes	Yes	Yes
	Grayscale	Yes	Yes	Yes	Yes	Yes
	Auto Picture Off	Yes	Yes	Yes	Yes	Yes
	Magnification	Yes	Yes	Yes	Yes	Yes
	Relumino	N/A	N/A	N/A	N/A	N/A
	Audio Subtitles	Yes	Yes	Yes	Yes	Yes
	Audio Phone Number	Yes	Yes	Yes	Yes	Yes
	Closed Caption (Subtitle)	Yes	Yes	Yes	Yes	Yes
	Multi-output Audio	Yes	Yes	Yes	Yes	Yes
	Sign Language Zoom	Yes	Yes	Yes	Yes	Yes
	Caption Position	N/A	N/A	N/A	N/A	N/A
	Separate Closed Caption	N/A	N/A	N/A	N/A	N/A
	Slow Button Repeat	Yes	Yes	Yes	Yes	Yes
	Accessibility Shortcuts Edit	Yes	Yes	Yes	Yes	Yes
	Learn TV Remote	Yes	Yes	Yes	Yes	Yes
	Learn Menu Screen	Yes	Yes	Yes	Yes	Yes
Accessibility Shortcuts Edit	Yes	Yes	Yes	Yes	Yes	
Auto Menu Sort	Yes	Yes	Yes	Yes	Yes	
Sensory-friendly Mode	N/A	N/A	N/A	N/A	N/A	
Voice Guide	Chinese (China),English (Australia),French (France),German (Germany),Italian (Italy),Korean (Korea),Malay (Malaysia),Spanish (Spain)	Chinese (China),English (Australia),French (France),German (Germany),Italian (Italy),Korean (Korea),Malay (Malaysia),Spanish (Spain)	Chinese (China),English (Australia),French (France),German (Germany),Italian (Italy),Korean (Korea),Malay (Malaysia),Spanish (Spain)	Chinese (China),English (Australia),French (France),German (Germany),Italian (Italy),Korean (Korea),Malay (Malaysia),Spanish (Spain)	Chinese (China),English (Australia),French (France),German (Germany),Italian (Italy),Korean (Korea),Malay (Malaysia),Spanish (Spain)	Chinese (China),English (Australia),French (France),German (Germany),Italian (Italy),Korean (Korea),Malay (Malaysia),Spanish (Spain)
Power & Eco Solution	Power Supply	AC220-240V~ 50/60Hz				
	Power Consumption (Max)	230W	265W	320W	430W	490W
	Power Consumption (Stand-by)	0.5W	0.5W	0.5W	0.5W	0.5W
	Power Consumption (Energy Saving Mode)	N/A	N/A	N/A	N/A	N/A
	Power Consumption (Typical)	86.0W	100.0W	128.0W	137.0W	185.0W
	Yearly Power Consumption (EU standard)	317kWh	368kWh	470kWh	503kWh	678kWh
	Auto Power Saving	Yes	Yes	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes	Yes	Yes
	Eco Sensor	Yes	Yes	Yes	Yes	Yes
	Energy Efficiency Class	4	4.5	4.5	6	5

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Dimension	Package Size (WxHxD)	1197.0 x 770.0 x 143.0mm	1383.0 x 832.0 x 147.0mm	1617.0 x 950.0 x 160.0mm	1889.0 x 1168.0 x 169.0mm	2022.0 x 1200.0 x 183.0mm
	Set Size with Stand (WxHxD)	1069.3 x 682.6 x 209.5mm	1225.7 x 764.4 x 235.3mm	1446.6 x 897.8 x 263.3mm	1721.4 x 1060 x 330.2mm	1849.0 x 1129.5 x 348.7mm
	Set Size without Stand (WxHxD)	1069.3 x 619.9 x 39.6mm	1225.7 x 705.6 x 33.9mm	1446.6 x 829.7 x 33.9mm	1721.4 x 991.4 x 33.9mm	1849.0 x 1059.0 x 34.9mm
	Stand (Basic) (WxD)	534.0 x 209.5mm	896.9 x 235.3mm	953.1 x 263.3mm	1152.0 x 330.2mm	1254.0 x 348.7mm
	Stand (Minimum) (WxD)	N/A	259.5 x 235.3mm	309.5 x 263.3mm	354.0 x 330.2mm	374.0 x 348.7mm
	VESA Spec	300.0 x 200.0mm	300.0 x 200.0mm	300.0 x 200.0mm	400.0 x 300.0mm	400.0 x 300.0mm
Weight	Package Weight	17.8kg	17.8kg	24.0kg	37.9kg	45.3kg
	Set Weight with Stand	13.2kg	13.4kg	17.8kg	28.8kg	33.9kg
	Set Weight without Stand	12.3kg	13.0kg	17.4kg	28.1kg	32.9kg
Accessory	Remote Controller Model	TM2660H	TM2660H	TM2660H	TM2660H	TM2660H
	Slim Fit Wall-mount Support	Yes	Yes	Yes	Yes	Yes
	Studio Stand Support	N/A	N/A	N/A	N/A	N/A
	Customizable Frame Support	N/A	N/A	N/A	N/A	N/A
	Auto-Rotation Accessory Support	N/A	N/A	N/A	N/A	N/A
	Full Motion Slim Wall Mount Support (Y22)	Yes	Yes	Yes	Yes	Yes
	SlimFit Cam Support	Yes	Yes	Yes	Yes	Yes
	Zigbee / Thread Module	Dongle Support	Dongle Support	Dongle Support	Dongle Support	Dongle Support
	User Manual	Yes	Yes	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes	Yes	Yes
Software Support	Security Update Period (At least 5 years)	31 Dec 2031	31 Dec 2031	31 Dec 2031	31 Dec 2031	31 Dec 2031