

SAMSUNG

Micro RGB R95H 4K Samsung Vision AI Smart TV (2026)

The answer to greatness



65", 75"

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

Micro-sized RGB LED lights, hyper-realistic colour

Sometimes smaller is better. Dive into a world of hyper-realistic hues & detail with the world's first micro-sized red, green & blue (RGB) LEDs colour backlight in a TV measuring at $\leq 100 \mu\text{m}$.²

Experience a powerhouse of colour & control with the Micro RGB AI Engine Pro

Feel the power of our Micro RGB AI Engine that is capable of finely controlling micro-sized RGB backlights & cleverly helps optimises to you & your surroundings.³

Masterful colour precision that unlocks ultra-realistic picture quality

Our precise Micro RGB dimming technology can deliver beyond cinema colour with a $\geq 100\%$ BT.2020 gamut ratio*. Discover a stunningly accurate spectrum of hues with incredible detail.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 Based on internal research as at 17 November 2025. VDE Testing and Certification Institute has tested and positively evaluated that the RGB Micro LED size is $\leq 100 \mu\text{m}$. Test Report 331701-TL6-, valid until 8 July 2026.

3 Viewing experience may vary according to types of content and format. Upscaling may not apply to PC connection and Game Mode.

4 VDE Testing and Certification Institute has tested and positively evaluated that Series R95H has a picture quality for Micro RGB Colour gamut ratio of BT.2020 (CIE u',v' $\geq 100\%$). Test Report 331701-TL6-, valid until 8 July 2026. Based on the wider colour gamut of BT.2020 when compared to DCI-P3.

Product	Product Category	65"	75"
		MICRO RGB	MICRO RGB
	Model Number	MRA65R95HAWXXY	MRA75R95HAWXXY
Display	Screen Size	65"	75"
	Resolution	3840 x 2160	3840 x 2160
	Refresh Rate	165 Hz VRR (100 Hz Native)	165 Hz VRR (100 Hz Native)
	DLG	240 Hz	240 Hz
	Anti Reflection	Glare Free	Glare Free
Video	Picture Engine	Micro RGB AI Engine Pro	Micro RGB AI Engine Pro
	Micro Dimming	Ultimate Micro Dimming Pro	Ultimate Micro Dimming Pro
	Colour	Micro RGB Precision Colour 100	Micro RGB Precision Colour 100
	Contrast Enhancer	Real Depth Enhancer	Real Depth Enhancer
	Motion Technology	Motion Xcelerator 165 Hz	Motion Xcelerator 165 Hz
	Smart Calibration	N/A	N/A
	AI Picture	AI Optimised/AI Customisation	AI Optimised/AI Customisation
	Picture Upscale	4K Upscaling Pro	4K Upscaling Pro
	AI Motion Enhancer	AI Motion Enhancer Pro	AI Motion Enhancer Pro
	Supersize Picture Enhancer	N/A	N/A
	HDR Brightness Optimiser	Yes	Yes
	Colour Booster	Micro RGB Colour Booster Pro	Micro RGB Colour Booster Pro
	Viewing Angle	Wide Viewing Angle	Wide Viewing Angle
	HDR (High Dynamic Range)	Micro RGB HDR Pro	Micro RGB HDR Pro
	HDR 10+	Yes (ADAPTIVE / GAMING / ADVANCED)	Yes (ADAPTIVE / GAMING / ADVANCED)
	Contrast	Micro RGB Technology	Micro RGB Technology
	Filmmaker Mode	Yes	Yes
EyeComfort Mode	Yes	Yes	
Auto HDR Remastering	Auto HDR Remastering Pro	Auto HDR Remastering Pro	
Audio	Dolby Atmos	Yes	Yes
	Object Tracking Sound	OTS+	OTS+
	Q-Symphony	Yes	Yes
	Sound Output (RMS)	70WW	70WW
	Speaker Type	4.2.2CH	4.2.2CH
	Active Voice Amplifier	Yes (Active Voice Amplifier Pro)	Yes (Active Voice Amplifier Pro)
	Adaptive Sound	Yes (Adaptive Sound Pro)	Yes (Adaptive Sound Pro)
360 Audio	Yes	Yes	

	65"	75"	
Smart Service	Far-Field Voice Interaction	Yes	Yes
	Built-in Voice Assistant	Alexa	Alexa
	Works with AI Speaker	Alexa, Google Assistant	Alexa, Google Assistant
	Operating System	Tizen™ Smart TV	Tizen™ Smart TV
	Bixby	Yes	Yes
	Samsung TV Plus	Yes	Yes
	Web Browser	Yes	Yes
	SmartThings Hub / Matter Hub / IoT-Sensor Functionality / Quick Remote	Yes	Yes
Universal Guide	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
	Multi-View	Up to 2 videos	Up to 2 videos
	Apple AirPlay 2	Yes	Yes
	Daily+	Yes	Yes
	Now brief	Voice / User Detection	Voice / User Detection
	Storage Share	Yes	Yes
	Vision AI Companion	Yes (AU, VN, TH, MM, KH, LA, PH, SG)	Yes (AU, VN, TH, MM, KH, LA, PH, SG)
	Generative Wallpaper	Yes	Yes
	Karaoke Mic	Yes	Yes
	Google Cast	Yes	Yes
Soccer / Football Mode	AI Soccer / Football Mode Pro	AI Soccer / Football Mode Pro	
Game Feature	Auto Game Mode (ALLM)	Yes	Yes
	Game Motion Plus	Yes	Yes
	VRR	Yes	Yes
	Dynamic Black EQ	Yes	Yes
	Surround Sound	Yes	Yes
	Ultra Wide Game View	Yes	Yes
	Game Bar	Yes	Yes
	MiniMap Zoom	Yes	Yes
	Hue Sync	Yes	Yes
	FreeSync	FreeSync Premium Pro	FreeSync Premium Pro
	G-SYNC	N/A	N/A
	HGiG	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)
AI Auto Game Mode	Yes	Yes	

		65"	75"
Tuner/Broadcasting	Digital Broadcasting	DVB-T(T2 Ready)	DVB-T(T2 Ready)
	CI (Common Interface)	N/A	N/A
	Analog Tuner	Yes	Yes
Connectivity	HDMI	4	4
	HDMI Maximum Input Rate	4K 165 Hz (for HDMI 1/2/3/4)	4K 165 Hz (for HDMI 1/2/3/4)
	USB	2 x USB-A	2 x USB-A
	POGO (SlimFit Cam Only)	N/A	N/A
	Ethernet (LAN)	1	1
	Audio Out (Mini Jack)	N/A	N/A
	Digital Audio Out (Optical)	1	1
	RF In (Terrestrial / Cable input / Satellite input)	1/1(Common Use for Terrestrial)/0	1/1(Common Use for Terrestrial)/0
	Ex-Link (RS-232C)	N/A	N/A
	HDMI Audio Return Channel	eARC	eARC
	One Connect Box	N/A	N/A
	Wi-Fi	Yes (Wi-Fi 6E)	Yes (Wi-Fi 6E)
	Bluetooth	Yes (5.3)	Yes (5.3)
Anynet+ (HDMI-CEC)	Yes	Yes	
Design	Design	Infinity Air	Infinity Air
	Bezel Type	4 Bezel-less	4 Bezel-less
	Front Colour	BLACK	BLACK
	Stand Type	INFINITY AIR STAND	INFINITY AIR STAND
	Stand Colour	SPACE GRAPHITE	SPACE GRAPHITE
Additional Feature	Auto Rotation	N/A	N/A
	Art Mode	N/A	N/A
	Art Store	Yes	Yes
	Motion Detection	N/A	N/A
	Knox Vault	N/A	N/A
	Embedded POP	Yes	Yes
	EPG	Yes	Yes
	Extended PVR	Yes	Yes
	IP Control	Yes	Yes
	OSD Language	Local Languages	Local Languages

		65"	75"
Accessibility	Auto Description	Yes	Yes
	High Contrast	Yes	Yes
	Zoom Menu and Text	Yes	Yes
	SeeColours	Yes	Yes
	Colours Inversion	Yes	Yes
	Grayscale	Yes	Yes
	Auto Picture Off	Yes	Yes
	Magnification	Yes	Yes
	Relumino	Yes	Yes
	Audio Subtitles	Yes	Yes
	Audio Phone Number	Yes	Yes
	Closed Caption	N/A	N/A
	Separate Closed Caption	N/A	N/A
	Slow Button Repeat	Yes	Yes
	Accessibility Shortcuts Edit	Yes	Yes
	Learn TV Remote	Yes	Yes
	Learn Menu Screen	Yes	Yes
Accessibility Shortcuts Edit	Yes	Yes	
Auto Menu Sort	Yes	Yes	
Sensory-friendly Mode	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)	
Power & Eco Solution	Power Supply	AC220-240V~ 50/60Hz	AC220-240V~ 50/60Hz
	Power Consumption (Max)	300W	390W
	Power Consumption (Stand-by)	0.5 W	0.5 W
	Power Consumption (Energy Saving Mode)	N/A	N/A
	Power Consumption (Typical)	153.0W	203.0W
	Yearly Power Consumption (EU standard)	562kWh	744kWh
	Auto Power Saving	Yes	Yes
	Auto Power Off	Yes	Yes
	Eco Sensor	Yes	Yes
Energy Efficiency Class	4	4	

		65"	75"
Dimension	Package Size (WxHxD)	1595 x 980 x 191mm	1816 x 1137 x 198mm
	Set Size with Stand (WxHxD)	1437.1 x 890 x 302mm	1658.8 x 1019.2 x 349.1mm
	Set Size without Stand (WxHxD)	1437.1 x 826 x 29.6mm	1658.8 x 951.9 x 29.8mm
	Stand (Basic) (WxD)	355.5 x 302.0mm	355.6 x 349.1mm
	Stand (Minimum) (WxD)	N/A	N/A
	VESA Spec	400 x 300mm	400 x 400mm
Weight	Package Weight	29.90kg	45.1kg
	Set Weight with Stand	23.80kg	31.8kg
	Set Weight without Stand	22.4kg	30.1kg
Accessory	Remote Controller Model	TM2660H	TM2660H
	Slim Fit Wall-mount Support	Yes	Yes
	Studio Stand Support	Yes	N/A
	Customizable Frame Support	N/A	N/A
	Full Motion Slim Wall Mount Support (Y22)	Yes	Yes
	SlimFit Cam Support	Yes	Yes
	Zigbee / Thread Module	Built-in	Built-in
	User Manual	Yes	Yes
	Power Cable	Yes	Yes
One Connect Box Holder	N/A	N/A	
Software Support	Security Update Period (At least 5 years)	31 Dec 2031	31 Dec 2031