

Samsung MRE55R86HAUXXN TV 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Black

Brand : Samsung

Product code: MRE55R86HAUXXN

Product name : MRE55R86HAUXXN

Samsung MRE55R86HAUXXN. Display diagonal: 139.7 cm (55"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: Micro RGB, Screen shape: Flat, LED backlighting type: Micro-RGB. Smart TV. Motion interpolation technology: Motion Xcelerator, Native aspect ratio: 16:9. Digital signal format system: DVB-C2, DVB-T, DVB-S2. Wi-Fi, Ethernet LAN. Product colour: Black



Display		Performance	
Display diagonal *	139.7 cm (55")	High Dynamic Range (HDR) supported *	✓
HD type *	4K Ultra HD	AMD FreeSync	✓
Display technology *	Micro RGB	AMD FreeSync type	FreeSync Premium Pro
LED backlight	✓	Game features Gaming Hub, Mini Map Zoom, HGiG, Dynamic Black EQ, Game Bar, Variable Refresh Rate (VRR), Super Ultra Wide Game View, Surround Sound, Game Motion Plus, AI Auto Game Mode, Auto Low Latency Mode (ALLM), AI Gaming Optimizer	
LED backlighting type	Micro-RGB		
Screen shape *	Flat		
Native aspect ratio *	16:9		
Supported graphics resolutions	3840 x 2160		
Zoom capability	✓	4K Ultra HD upscaling	✓
Motion interpolation technology *	Motion Xcelerator	Video upscaling	✓
Native refresh rate	144 Hz	Multi View	✓
Display refresh rates supported	100 Hz, 144 Hz, 240 Hz	Remote access	✓
Dynamic contrast ratio marketing name	Micro RGB Contrast	Smartphone/tablet remote support	✓
Display resolution *	3840 x 2160 pixels	USB recording	✓
Display diagonal (metric)	138 cm		
TV tuner		Ports & interfaces	
Tuner type *	Analog & digital	Ethernet LAN (RJ-45) ports	1
Digital signal format system *	DVB-C2, DVB-T, DVB-S2	USB 2.0 ports quantity *	2
Smart TV		Digital audio optical out	1
Smart TV *	✓	Common interface (CI) *	✓
Operating system installed *	Tizen	Common interface Plus (CI+) *	✓
Apple AirPlay 2 support	✓	Common interface Plus (CI+) version	1.4
Sound mirroring	✓	HDMI ports quantity *	4
Hybrid Broadcast Broadband TV (HbbTV)	✓	Management features	
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.4	Voice control	✓
Smart modes	Filmmaker	Voice guide	✓
Universal guide	✓	Electronic Programme Guide (EPG)	✓
Audio		Number of OSD languages	28
Number of speakers *	2	On Screen Display (OSD) languages	Multi
RMS rated power *	30 W	ECO mode	✓
Audio output channels	2.0 channels	Auto power off	✓
Audio decoders	Dolby Atmos	Works with Amazon Alexa	✓

Audio		Management features	
Sound modes	Sports, Adaptive Sound Pro	Works with the Google Assistant	✔
Audio pre-selection descriptor	✔	Works with Samsung Bixby	✔
Adaptive sound	✔	Power	
Q-Symphony	✔	Power consumption (typical) *	77 W
Active voice amplifier (AVA)	✔	Power consumption (standby) *	0.5 W
Enhanced Audio Return Channel (eARC)	✔	Power consumption (max)	220 W
Network		Energy efficiency class (SDR) *	F
Wi-Fi *	✔	Energy efficiency class (HDR) *	G
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Energy consumption (SDR) per 1000 hours *	77 kWh
Bluetooth *	✔	Energy consumption (HDR) per 1000 hours *	195 kWh
Bluetooth version	5.3	AC input voltage	220 - 240 V
Ethernet LAN *	✔	AC input frequency	50/60 Hz
Web browser	✔	Energy saving mode	✔
Design		Energy efficiency scale	A to G
Product colour *	Black	Brand-specific features	
Colour name	Titan Black	Samsung technologies (AV/TV)	Generative Wallpaper, Samsung Health, Built-in SmartThings Hub, Samsung TV Plus, Active Voice Amplifier Pro, Adaptive Sound Pro, Q-Symphony, EyeComfort Mode, Colour Booster Pro, Real Depth Enhancer, 4K AI Upscaling, Wide Viewing Angle, Auto HDR Remastering
VESA mounting *	✔		
Panel mounting interface	300 x 200 mm		
Rollable display	✖		
Frameless design	✔		
Bezel type	3 Bezel-less		
Slim fit wall mount support	✔	Weight & dimensions	
Stand type	Legs stand	Width (with stand)	1224 mm
Stand colour	Black	Depth (with stand)	218 mm
Performance		Height (with stand)	744 mm
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Advanced (HDR10 Plus Advanced), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Filmmaker Mode	Weight (with stand)	14.9 kg
		Width (without stand)	1224 mm
		Depth (without stand)	52 mm
		Height (without stand)	708 mm
		Weight (without stand)	14.6 kg
Game mode	✔	Stand width	103.5 cm
Subtitles function	✔	Stand depth	21.8 cm
Eco sensor	✔	Packaging data	
Brightness detection	✔	Package width	1352 mm
AI Upscale	✔	Package depth	127 mm
TV key support	✔	Package height	808 mm
Backlight dimming technology	Ultimate Micro Dimming	Package weight	19.6 kg
Picture processing technology	Samsung Micro RGB AI Engine, Samsung Real Depth Enhancer	Package type	Box
		Packaging content	
		Desktop stand	✔
		Cables included	AC
		Remote control included	✔
		Other features	
		Google applications	Google Cast



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