

Specifications

	Product Type	Display	Refresh Rate
	LED	50"	60Hz
	Resolution		
	4K (3,840 x 2,160)		
Product Type	LED		
Display	Screen Size	Refresh Rate	
	50"	60Hz	
	Diagonal Screen Size	Resolution	
	49.5"	4K (3,840 x 2,160)	
Video	Picture Engine	HDR (High Dynamic Range)	
	Crystal Processor 4K	HDR	
	HDR 10+ Support	Contrast	
		Mega Contrast	
	Contrast Enhancer	Motion Technology	
	Yes	Motion Xcelerator	
	AI Upscale	Filmmaker Mode (FMM)	
	4K Upscaling	Yes	
Audio	Adaptive Sound	Object Tracking Sound	
	Adaptive Sound	OTS Lite	
	Q-Symphony	Sound Output (RMS)	
	Yes	20W	

Speaker Type 2CH	Multiroom Link No
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Smart Service

Operating System Tizen™ Smart TV	Bixby Yes (Voice Ready)
Works with AI Speaker Alexa, Google Assistant	Samsung TV Plus Yes
Web Browser Yes	SmartThings Hub / Matter Hub / IoT-Sensor Funtionality Yes
Samsung Health Yes	Universal Guide Yes

Smart Feature

Multi Device Experience Mobile to TV, Sound Mirroring, Wireless TV On	NFT Nifty Gateway
Apple AirPlay Yes	Daily+ Yes

Game Feature

Auto Game Mode (ALLM) Yes	VRR Yes
HGiG Yes	Gaming Hub Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)

Tuner/Broadcasting

Digital Broadcasting ATSC/Clear QAM	Analog Tuner Yes
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Connectivity

Wi-Fi Yes (Wi-Fi 5)	Bluetooth Yes (BT5.2)
HDMI 2	HDMI (High Frame Rate) 4K 60Hz (for HDMI 1/2)
HDMI Audio Return Channel eARC/ARC	Anynet+ (HDMI-CEC) Yes

USB
1 x USB-A

Ethernet (LAN)
1

RF In (Terrestrial / Cable input / Satellite input)
1/1(Common Use for Terrestrial)/0

Design

Design
Slim Look

Bezel Type
3 Bezel-less

Slim Type
Slim look

Front Colour
BLACK

Stand
FLAT FEET

Stand Colour
BLACK

Additional Feature

Embedded POP
Yes

EPG
Yes

IP Control
Yes

OSD Language
English, Spanish, French

V-Chip
Yes

Accessibility

Accessibility - Voice Guide
US English, Mexico Spanish, Canada French, Finnish, German, Greek, Hungarian, Italian, Norwegian, Polish, Portugal Portuguese, Romanian, Slovak, Swedish, Czech, Danish, Dutch, Korean

Low Vision Support
Audio Description, Zoom Menu and Text, High Contrast, SeeColors, Color Inversion, Grayscale, Picture Off

Hearing Impaired Support
Closed Caption (Subtitle), Multi-output Audio, Caption Position, Sign Language Zoom, Separate Closed Caption, Sign Language Guide

Motor Impaired Support
Slow Button Repeat, Remote Control App. for All

Power & Eco Solution

Power Supply
AC110-120V~ 50/60Hz

Power Consumption (Max)
125 W

Eco Sensor
Yes

Auto Power Off
Yes

Auto Power Saving
Yes

Dimension

Package Size (WxHxD) 1248 x 760 x 154 mm	Set Size with Stand (WxHxD) 1120.3 x 694 x 237 mm
Set Size without Stand (WxHxD) 1120.3 x 647.0 x 60.0 mm	Stand (Basic) (WxD) 750.6 x 237 mm
VESA Spec 200 x 200 mm	

Weight

Package Weight 14.2 kg	Set Weight with Stand 9.9 kg
Set Weight without Stand 9.5 kg	

Accessory

Remote Controller Model TM2240A	Optional Stand Compatible (Studio) Yes
Mini Wall Mount Compatible Yes	Full Motion Slim Wall Mount Compatible (Y22) Yes
SlimFit Cam Compatible Yes	Zigbee / Thread Module Dongle Support
User Manual Yes	Power Cable Yes