

Specifications

Product Type

LED

Display

Screen Size	Resolution	Refresh Rate	DLG
100"	3840 x 2160	144 Hz (VRR Support)	240 Hz

Video

Picture Engine	HDR (High Dynamic Range)	HDR 10+	AI HDR Remastering
NQ4 AI Gen2 Processor	Mini LED HDR+	Support	Auto HDR Remastering
Contrast	Micro Dimming	Contrast Enhancer	Motion Technology
Mini LED	Supreme Mini LED Dimming	Real Depth Enhancer	Motion Xcelerator 144 Hz
Smart Calibration	AI Picture	AI Upscale	Supersize Picture Enha
Basic	AI Customization	4K AI Upscaling	Yes
HDR Brightness Optimizer	Colour Booster	Filmmaker Mode (FMM)	
Yes	Colour Booster Pro	Yes	

Audio

Object Tracking Sound	Dolby 5.1 Decoder	Q-Symphony	Sound Output (RMS)
OTS Lite	MS12 2ch	Yes	20 W

Speaker Type 2ch	Active Voice Amplifier Yes	Adaptive Sound Adaptive Sound+	AI Sound Controller Yes
Smart Service			
Operating System Tizen™ Smart TV	Bixby Yes	Far-Field Voice Interaction Yes	Built-in Voice Assistant Alexa
Works with AI Speaker Alexa, Google Assistant	Samsung TV Plus Yes	Web Browser Yes	SmartThings Hub / Matter IoT-Sensor Functionality Remote Yes
Samsung Health Yes	Universal Guide 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	Now brief Voice / User Detection
Storage Share Yes	Live Translate Yes	Vision AI Companion Yes	Generative Wallpaper Yes
Karaoke Mic Yes	Google Cast 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

Hue Sync

Yes

FreeSync

FreeSync Premium

HGiG

Yes

Gaming HubYes (KR, US, CA, BR, GI
IT, ES, MX, AU)**AI Auto Game Mode**

Yes

AI Gaming Optimizer

Yes

Tuner/Broadcasting**Digital Broadcasting**

ATSC / ClearQAM

Analog Tuner

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)

HDMI Audio Return Channel

eARC

Anynet+ (HDMI-CEC)

Yes

USB

2 x USB-A

Ethernet (LAN)

1

Digital Audio Out (Optical)

1

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

Simple Chamfer

Bezel Type

3 Bezel-less

Front Colour

Graphite Black

Stand

Round Feet

Stand Colour

Black

Additional Feature

Art Store

Yes

Embedded POP

Yes

EPG

Yes

IP Control

Yes

OSD Language

English, Spanish, French

V-Chip

Yes

Accessibility

Accessibility - Voice Guide

Czech (Czech Republic),Danish (Denmark),Dutch (Netherlands),English (US),Finnish (Finland),French (Canada),German (Germany),Greek (Greece),Hungarian (Hungary),Italian (Italy),Korean (Korea),Norwegian (Norway),Polish (Poland).Portuguese (Portugal),Romanian (Romania),Slovak (Slovakia),Spanish (Mexico),Swedish (Sweden)

Audio Description

Yes

High Contrast

Yes

Zoom Menu and Text

Yes

SeeColours

Yes

Colours Inversion

Yes

Grayscale

Yes

Auto Picture Off

Yes

Magnification

Yes

Relumino

Yes

Audio Subtitles

Yes

Audio Phone Number

Yes

Closed Caption (Subtitle)

Yes

Multi-output Audio

Yes

Sign Language Zoom

Yes

Caption Position

Yes

Separate Closed Caption

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) 485 W	Power Supply AC110-120V~ 50/60 Hz	Power Consumption (Stand-by) 0.5 W	Power Consumption (Typical) 390 W
Eco Sensor Yes	Auto Power Saving Yes	Auto Power Off Yes	

Dimension

Package Size (WxHxD) 2399.0 x 1444.0 x 225.0 mm 94.45 x 56.85 x 8.86 in	Set Size with Stand (WxHxD) 2230.2 x 1327.2 x 432.3 mm 87.80 x 52.25 x 17.02 in	Set Size without Stand (WxHxD) 2230.2 x 1273.6 x 64.4 mm 87.80 x 50.14 x 2.54 in	Stand (Basic) (WxD) 1786.3 x 432.3 mm 70.33 x 17.02 in
VESA Spec 600 x 400 mm 23.62 x 15.75 in			

Weight

Package Weight 74.4 kg	Set Weight with Stand 56.5 kg	Set Weight without Stand 55.0 kg
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Accessory

Slim Wall Mount Compatible

Yes

SlimFit Cam Compatible

Yes

Zigbee / Thread Module

Dongle Support

User Manual

Yes

Power Cable

Yes