

Specifications

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Product Type

LED

Display

Screen Size	Resolution	Refresh Rate	DLG
55"	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	HDR Brightness Optimizer
Basic	AI Customization	4K AI Upscaling	Yes
Colour Booster	Filmmaker Mode (FMM)		
Color Booster Pro	Yes		

Audio

Object Tracking Sound	Q-Symphony	Sound Output (RMS)	Speaker Type
OTS Lite	Yes	20 W	2ch
Active Voice Amplifier	Adaptive Sound		
Active Voice Amplifier	Adaptive Sound+		

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 Hub / IoT-Sensor Functionality / Quick 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

Daily+

Yes

Now brief

Voice / User Detection

Storage Share

Yes

Live Translate

Yes

Vision AI Companion

Yes (US, CA)

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 Hub

Yes

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 1/2/3)

HDMI Audio Return Channel

eARC

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

Metal Stream

Bezel Type

3 Bezel-less

Front Colour

Black

Stand

Basic Feet

Stand Colour

Titan Gray

Additional Feature

Art Store

Yes

Embeded 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) 120 W	Power Supply AC110-120V~ 50/60 Hz	Power Consumption (Stand-by) 0.5 W	Power Consumption (Typical) 100 W
Eco Sensor Yes	Auto Power Saving Yes	Auto Power Off Yes	

Dimension

Package Size (WxHxD)	Set Size with Stand (WxHxD)	Set Size without Stand (WxHxD)	Stand (Basic) (WxD)
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53.31 x 31.89 x 5.00 in 1354 x 810 x 127 mm	48.22 x 29.92 x 7.83 in 1224.6 x 760 x 199 mm	48.22 x 27.87 x 3.02 in 1224.6 x 707.8 x 76.6 mm	31.98 x 7.83 in 812.6 x 199 mm
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VESA Spec

200 x 200 mm

Weight

Package Weight

14.5 kg

Set Weight with Stand

10.3 kg

Set Weight without Stand

10 kg

Accessory

Remote Controller Model

TM2280A

**Full Motion Slim Wall Mount
Compatible (Y22)**

Yes

SlimFit Cam Compatible

Yes

Zigbee / Thread Module

Dongle Support

User Manual

Yes

Power Cable

Yes