

Specifications

Product	Screen Size	Resolution
QLED	55"	3,840 x 2,160

Anti Reflection
Matte Display

Product	QLED
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Series	LS
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Display	Screen Size 55"	Refresh Rate 120 Hz
	Diagonal Screen Size 54.6"	Resolution 3,840 x 2,160
	Anti Reflection Matte Display	

Video

	Product Quantum Processor 4K	One Billion Color Yes
	HDR (High Dynamic Range) Quantum HDR	AI Upscale Yes
	Compatible with HDR 10+ Certified (HDR10+ Adaptive & HDR10+ GAMING)	Contrast Dual LED
	Colour 100% Colour Volume with Quantum Dot	Viewing Angle Wide Viewing Angle
	Micro Dimming Supreme UHD Dimming	Film Mode Yes
	Motion Technology Motion Xcelerator Turbo+	Clear Motion LED Clear Motion
	Noise Reduction Yes	Smart Calibration Basic
	Filmmaker Mode (FMM) Yes	

Audio	Dolby Decoder MS12 5.1 ch	Dolby Atmos Yes
	Active Voice Amplifier Yes	Object Tracking Sound OTS
	Q-Symphony Yes	Sound Output (RMS) 40 W
	Speaker Type 2.0.2 CH	Multiroom Link Yes
	Bluetooth Audio Yes	Dual Audio Support (Bluetooth) Yes

Smart Service

Samsung SMART TV
Smart

Operating System
Tizen™

Bixby
US English, UK English, India English, Korean, French, German, Italian, Spanish, BR Portuguese (features vary by language)

Multi Voice Assistant
Yes

Google Assistant Built-in
Yes

Works with Google Assistant
Yes

Works With Alexa
Yes

TV Plus
Yes

SmartThings
Yes

Samsung Health
Yes

Media Home
Yes

Smart Feature

TV to Mobile - Mirroring
Yes

TV Initiate Mirroring
Yes

Tap View
Yes

Video Communication
Google Duo

Multi-View
upto 2 videos

Ambient Mode
Ambient Mode+

Wireless Dex
Yes

Cloud Service
Microsoft 365

Game Feature

Auto Game Mode (ALLM)
Yes

Game Motion Plus
Yes

Dynamic Black EQ

Yes

Surround Sound

Yes

Super Ultra Wide Game View

Yes

Mini Map Zoom

Yes

Freesync

FreeSync Premium Pro

HGiG

Yes

Tuner/Broadcasting**Digital Broadcasting**

ATSC / ClearQAM

Analog Tuner

Yes

Connectivity**HDMI**

4

HDMI (High Frame Rate)

4K 120 Hz (for HDMI 4)

USB

2

USB-C (Camera Only)

1

Ethernet (LAN)

Yes

Digital Audio Out (Optical)

1

**RF In (Terrestrial / Cable input /
Satellite input)**

1 / 1 (Common Use for Terrestrial) / 0

Ex-Link (RS-232C)

1

HDMI A / Return Ch. Support

Yes

eARC

Yes (HDMI 3)

HDMI Quick Switch

Yes

Wireless LAN Built-in

Yes (WiFi5)

Bluetooth

Yes (BT5.2)

Design

Design
Brand new frame

Bezel Type
VNB

Front Colour
BLACK

Stand Type
SIMPLE

Stand Colour
BLACK

Additional Feature

9:16 Screen Support
Yes (Need Auto Rotating Accessory,
Compatible Model Only)

IPv6 Support
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

**Accessibility - Learn TV Remote /
Learn Menu Screen**
US English

Accessibility - Others
Enlgarge / High Contrast / Multi-output
Audio / SeeColors / Color Inversion /
Grayscale / Caption Position / Sign
Language Zoom / Slow Button Repeat
/ Separate Closed Caption / Graphic
Zoom / Picture Off

Sign Language Guide
Yes

Auto Caption Position
Yes

Power & Eco Solution

Power Supply
AC 110-120 V 50 / 60 Hz

Eco Sensor
Yes

Power Consumption (Max)
170 W

Power Consumption (Stand-by)
0.5 W

Power Consumption (Typical)

79 W

Auto Power Off

Yes

Auto Power Saving

Yes

Dimension**Package Size (WxHxD)**

1405 x 846 x 185 mm

Set Size with Stand (WxHxD)

1237.9 x 743.4 x 227.8 mm

Set Size without Stand (WxHxD)

1237.9 x 708.8 x 24.9 mm

Stand (Basic) (WxD)

897.2 x 227.8 mm

VESA Spec

200 x 200 mm

Weight**Package Weight**

26.3 kg

Set Weight with Stand

17.3 kg

Set Weight without Stand

16.9 kg

Accessory**Remote Controller Model**

TM2281E

Batteries (for Remote Control)

N/A

Samsung Smart Control

Yes

Slim Fit Wall-mount support

Yes

Optional Stand Support (Y20 Studio)

Yes

15m/10m One Invisible Connection Support

Yes

Mini Wall Mount Support

Yes

Vesa Wall Mount Support

Yes

Customizable Bezel Support

Yes

Auto-Rotation Accessory Support

Yes

Full Motion Slim Wall Mount (Y22)

Yes

User Manual

Yes

Webcam Support

Yes

E-Manual

Yes

Power Cable

Yes
