

Specifications

Product	Screen Size	Resolution
QLED	50"	3,840 x 2,160

Anti Reflection

Matte Display

Product QLED

Series LS

Display	Screen Size	Diagonal Screen Size
	50"	49.5"
	Resolution	Anti Reflection
	3,840 x 2,160	Matte Display

Video	Product	One Billion Color
	Quantum Processor 4K	Yes

	HDR (High Dynamic Range) Quantum HDR	AI Upscale Yes
	Compatible with HDR 10+ Certified(HDR10+ Adaptive)	Contrast Dual LED
	Colour 100% Colour Volume with Quantum Dot	Viewing Angle Wide Viewing Angle
	Micro Dimming Supreme UHD Dimming	Film Mode Yes
	Filmmaker Mode (FMM) Yes	

Audio

Dolby Decoder MS12 2ch	Active Voice Amplifier Yes
Object Tracking Sound OTS Lite	Q-Symphony Yes
Sound Output (RMS) 20 W	Speaker Type 2.0 CH

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

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

Tuner/Broadcasting**Digital Broadcasting**

ATSC/ClearQAM

Analog Tuner

Yes

Connectivity

	HDMI 4	USB 2
	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
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Power & Eco Solution	Eco Sensor Yes	Power Supply AC 110-120 V 50/60Hz
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Power Consumption (Max)
120 W

Power Consumption (Stand-by)
0.5 W

Power Consumption (Typical)
70 W

Dimension

Package Size (WxHxD)
1251 x 775 x 174 mm

Set Size with Stand (WxHxD)
1124.1 x 679.2 x 227.8 mm

Set Size without Stand (WxHxD)
1124.1 x 644.9 x 24.9 mm

Stand (Basic) (WxD)
757.4 x 227.8 mm

Stand (Minimum) (WxD)
- x -

VESA Spec
200 x 200 mm

Weight

Package Weight
20.9 kg

Set Weight with Stand
12.2 kg

Set Weight without Stand
11.8 kg

Accessory

Remote Controller Model
TM2281E

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

User Manual

Yes

E-Manual

Yes

Power Cable

Yes
