

Specifications

Screen Size	Resolution	Product
55"	3,840 x 2,160	Neo QLED 4K

Viewing Angle

Ultra Viewing Angle

Product	Neo QLED 4K
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Series	9
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Display	Screen Size	Refresh Rate
	55"	120 Hz (Up to 144 Hz)
	Diagonal Screen Size	Resolution
	54.6"	3,840 x 2,160
	Anti Reflection	
	Yes	

Video

Picture Engine

Neo QLED 4K

One Billion Colour

Yes

HDR (High Dynamic Range)

Quantum HDR 32x

AI Upscale

Yes

Compatible with HDR 10+

Certified(HDR10+ Adaptive & HDR10+ GAMING)

Contrast

Quantum MatrixTechnology

Colour

100% Colour Volume with Quantum Dot

Viewing Angle

Ultra Viewing Angle

Micro Dimming

Ultimate UHD Dimming Pro

Film Mode

Yes

Motion Technology

Motion Xcelerator Turbo Pro

Clear Motion

LED Clear Motion

Noise Reduction

Yes

Expert Calibration

Yes

Smart Calibration

Basic / Professional

Filmmaker Mode (FMM)

Yes

Audio

Dolby Atmos

Yes

Dolby Decoder

5.1

Active Voice Amplifier

Yes

Object Tracking Sound

OTS+

Q-Symphony

Yes

Sound Output (RMS)

70 W

Speaker Type

4.2.2 CH

Woofer

Yes

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)

Far-Field Voice Interaction

Yes

Alexa Built-in

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 3.0	Analog Tuner Yes
Connectivity	HDMI 4	USB 3
	HDMI (High Frame Rate) 4K 144Hz (for HDMI 1 / 2 / 3 / 4)	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 Quick Switch

Yes

Wireless LAN Built-in

Yes (WiFi5)

Bluetooth

Yes (BT5.2)

Design**Design**

Infinity One

Bezel Type

4 Bezel-less

Front Colour

TITAN BLACK

Stand

CONNECTED STAND

Stand Colour

SAND 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, Mexico Spanish,
Canada French

Accessibility - Others

Enlarge / 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**Eco Sensor**

Yes

Power Supply

AC 110-120 V 50 / 60 Hz

Power Consumption (Max)

140 W

Power Consumption (Stand-by)

0.5 W

Power Consumption (Typical)

89 W

Auto Power Off

Yes

Auto Power Saving

Yes

Dimension**Package Size (WxHxD)**

1427 x 843 x 179 mm

Set Size with Stand (WxHxD)

1228 x 777.3 x 298.4 mm

Set Size without Stand (WxHxD)

1228 x 707.3 x 17.4 mm

Stand (Basic) (WxD)

360 x 298.4 mm

VESA Spec

400 x 300 mm

Weight**Package Weight**

33.2 kg

Set Weight with Stand

24.2 kg

Set Weight without Stand

16.1 kg

Accessory**Remote Controller Model**

TM2280E

Samsung Smart Control

Yes

Slim Fit Wall-mount support

Yes

Optional Stand Support (Studio)

Yes

**15m/10m One Invisible
Connection Support**

Yes

Mini Wall Mount Support

Yes

Vesa Wall Mount Support

Yes

Auto-Rotation Accessory Support

Yes

User Manual

Yes

Full Motion Slim Wall Mount (Y22)

Yes

E-Manual

Yes

Webcam Support

Yes

Power CableYes
