

Specifications

	Product	Screen Size	Resolution		
	Neo QLED 8K	85"	7,680 x 4,320		
	Picture Engine				
	Neural Quantum Processor 8K				
Product	Neo QLED 8K				
Series	8				
Display	Screen Size	Diagonal Screen Size			
	85"	84.5"			
	Resolution	Anti Reflection			
	7,680 x 4,320	Yes			
Video	Product	One Billion Color			
	Neural Quantum Processor 8K	Yes			

	HDR (High Dynamic Range) Quantum HDR 32x	AI Upscale Yes
	Compatible with HDR 10+ Certified (HDR10+ Adaptive & HDR10+ GAMING)	Contrast Quantim Matrix Technology Pro
	Colour 100% Colour Volume with Quantum Dot	Viewing Angle Ultra Viewing Angle
	Micro Dimming Ultimate 8K Dimming Pro	Film Mode Yes
	Filmmaker Mode (FMM) Yes	

Audio

Dolby Decoder MS12 5.1 ch	Active Voice Amplifier Yes
Object Tracking Sound OTS+	Q-Symphony Yes
Sound Output (RMS) 70 W	Speaker Type 4.2.2 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)	Far-Field Voice Interaction Yes
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 4 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

Freesync

FreeSync Premium Pro

Tuner/Broadcasting**Digital Broadcasting**

ATSC/ClearQAM

Analog TunerYes

Connectivity

HDMI
4

USB
3

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 (WiFi6)

Bluetooth
Yes (BT5.2)

Design

Design
Infinity One

Bezel Type
4 Bezel-less

Front Colour
STAINLESS STEEL

Stand Type
CONNECTED STAND

Stand Colour
SAND BLACK

Additional Feature

IPv6 Support
Yes

Power & Eco
Solution

Eco Sensor
Yes

Power Supply
AC 110 - 120 V 50 / 60 Hz

Power Consumption (Max)

430 W

Power Consumption (Stand-by)

0.5 W

Power Consumption (Typical)

227 W

Dimension**Package Size (WxHxD)**

2114 x 1260 x 220 mm

Set Size with Stand (WxHxD)

1893.4 x 1151.5 x 341.4 mm

Set Size without Stand (WxHxD)

1893.4 x 1083.0 x 17.4 mm

Stand (Basic) (WxD)

360 x 341.4 mm

VESA Spec

600 x 400 mm

Weight**Package Weight**

71.6 kg

Set Weight with Stand

55.3 kg

Set Weight without Stand

44.3 kg

Accessory**Remote Controller Model**

TM2280E

Samsung Smart Control

Yes

Slim Fit Wall-mount support

Yes

15m/10m One Invisible Connection Support

Yes

Vesa Wall Mount Support

Yes

User Manual

Yes

E-Manual

Yes

Power CableYes
