

Specifications

	Product	Series	Screen Size
	Neo QLED 4K	9	85"
	Refresh Rate		
	120 Hz		
Product	Neo QLED 4K		
Series	9		
Display	Screen Size	Refresh Rate	
	85"	120 Hz	
	Diagonal Screen Size	Resolution	
	84.5"	3,840 x 2,160	
	Anti Reflection		
	Yes		

	Product Neo Quantum Processor 4K	One Billion Color Yes
	HDR (High Dynamic Range) Quantum HDR 32x/24x* *QN90B 55"- 85": 32x, QN90B 43"- 50": 24x	AI Upscale Yes
	Compatible with HDR 10+ Certified (HDR10+ Adaptive & HDR10+ GAMING)	Contrast Quantum Matrix Technology
	Colour 100% Colour Volume with Quantum Dot	Viewing Angle Ultra Viewing Angle
	Micro Dimming Ultimate UHD Dimming	Film Mode Yes
	Motion Technology Motion Xcelerator Turbo+	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 MS12 5.1 CH
	Active Voice Amplifier Yes	Object Tracking Sound OTS+
	Q-Symphony Yes	Sound Output (RMS) 60 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

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

up to 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**Freesync**
FreeSync Premium Pro**Mini Map Zoom**
Yes**HGiG**
Yes

Tuner/Broadcasting**Digital Broadcasting**
ATSC 3.0**Analog Tuner**
Yes

Connectivity**HDMI**
4**HDMI (High Frame Rate)**
4K 120 Hz (for HDMI 1/2/3/4)**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 Quick Switch**
Yes**Wireless LAN Built-in**
Yes (WiFi 5)**Bluetooth**
Yes (BT5.2)

Design

Design Boldness	Bezel Type 4 Bezel-less
Front Colour TITAN BLACK	Stand Type BENDING PLATE
Stand Colour SAND BLACK	

Additional Feature

IPv6 Support Yes

Accessibility

Accessibility - Voice Guide US English	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) 360 W	Power Consumption (Stand-by) 0.5 W

Power Consumption (Typical)

128 W

Auto Power Saving

Yes

Auto Power Off

Yes

Dimension**Package Size (WxHxD)**

2087 x 1267 x 223 mm

Set Size with Stand (WxHxD)

1892.2 x 1144.3 x 365.5 mm

Set Size without Stand (WxHxD)

1892.2 x 1081.9 x 27.2 mm

Stand (Basic) (WxD)

430.0 x 365.5 mm

VESA Spec

600 x 400 mm

Weight**Package Weight**

70.0 kg

Set Weight with Stand

56.7 kg

Set Weight without Stand

44.5 kg

Accessory**Remote Controller Model**

TM2280E

Samsung Smart Control

Yes

Slim Fit Wall-mount support

Yes

Vesa Wall Mount Support

Yes

Full Motion Slim Wall Mount (Y22)

Yes

User Manual

Yes

Webcam Support

Yes

E-Manual

Yes

Power Cable

Yes
