

Specifications

	Product	Series	Screen Size
	Neo QLED 4K	9	65"
	Refresh Rate		
	120 Hz		
Product	Neo QLED 4K		
Series	9		
Display	Screen Size	Diagonal Screen Size	
	65"	64.5"	
	Refresh Rate	Resolution	
	120 Hz	3,840 x 2,160	
	Anti Reflection		
	Yes		
Video			

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 Decoder MS12 5.1 CH	Dolby Atmos Yes
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**USB**
2**HDMI (High Frame Rate)**
4K 120 Hz (for HDMI 1/2/3/4)**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

Eco Sensor Yes	Power Supply AC 110-120 V 50/60 Hz
Power Consumption (Max) 270 W	Power Consumption (Stand-by) 0.5 W

Power Consumption (Typical)

87 W

Auto Power Off

Yes

Auto Power Saving

Yes

Dimension**Package Size (WxHxD)**

1621 x 947 x 186 mm

Set Size with Stand (WxHxD)

1446.3 x 891.4 x 285.7 mm

Set Size without Stand (WxHxD)

1446.3 x 828.7 x 25.9 mm

Stand (Basic) (WxD)

340 x 285.7 mm

VESA Spec

400 x 300 mm

Weight**Package Weight**

39.4 kg

Set Weight with Stand

31.4 kg

Set Weight without Stand

24.4 kg

Accessory**Remote Controller Model**

TM2280E

Samsung Smart Control

Yes

Slim Fit Wall-mount support

Yes

Optional Stand Support (Y20 Studio)

Yes

Mini Wall Mount Support

Yes

Vesa Wall Mount Support

Yes

User Manual

Yes

Full Motion Slim Wall Mount (Y22)

Yes

Webcam Support

Yes

E-Manual

Yes

Power Cable

Yes

