

Specifications

	Product	Series	Screen Size
	Neo QLED 4K	9	43"
	Refresh Rate		
	120 Hz		
Product	Neo QLED 4K		
Series	9		
Display	Screen Size	Refresh Rate	
	43"	120 Hz	
	Diagonal Screen Size	Resolution	
	42.5"	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

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 Decoder**

MS12 2 CH

Dolby Atmos

Yes

Active Voice Amplifier

Yes

Object Tracking Sound

OTS Lite

Q-Symphony

Yes

Sound Output (RMS)

20 W

Speaker Type

2.0 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 144 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
3 Bezel-less

Front Colour
TITAN BLACK

Stand Type
BENDING PLATE

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

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)
125 W

Power Consumption (Stand-by)
0.5 W

Power Consumption (Typical)
56 W

Auto Power Off
Yes

Auto Power Saving
Yes

Dimension

Package Size (WxHxD)
1105 x 687 x 144 mm

Set Size with Stand (WxHxD)
960.8 x 623.4 x 223.0 mm

Set Size without Stand (WxHxD)
960.8 x 558.9 x 26.9 mm

Stand (Basic) (WxD)
465.0 x 223.0 mm

VESA Spec
200 x 200 mm

Weight

Package Weight
17.6 kg

Set Weight with Stand
13.8 kg

Set Weight without Stand
9.2 kg

Accessory

Remote Controller Model
TM2280E

Samsung Smart Control
Yes

Slim Fit Wall-mount support
Yes

Mini Wall Mount Support
Yes

Vesa Wall Mount Support
Yes

Auto-Rotation Accessory Support
Yes

Full Motion Slim Wall Mount (Y22)

Yes

User Manual

Yes

Webcam Support

Yes

E-Manual

Yes

Power Cable

Yes
