

Specifications

Display

Screen Size
55"

Resolution
3,840 x 2,160

Screen Curvature
N/A

Anti Reflection
Yes

Video

Picture Engine
Neural Quantum Processor 4K

One Billion Color
Yes

HDR (High Dynamic Range)
Quantum HDR OLED

AI Streaming
N/A

HDR 10+
Certified(HDR10+ Adaptive & HDR10+ GAMING)

AI Upscale
Yes

HLG (Hybrid Log Gamma)
Yes

Contrast
Self-illuminating pixels

Color
Perceptual Color Mapping

Viewing Angle
Ultra Viewing Angle

Filmmaker Mode (FMM)
Yes

Audio

Active Voice Amplifier
Yes

Adaptive Sound
Adaptive Sound+

Object Tracking Sound
OTS

Q-Symphony
Yes

Audio Pre-selection Descriptor
Yes

Smart Service

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 (GB, DE, FR, IT, ES, AT, IE)

Google Assistant Built-in

Yes (GB, FR, DE, IT, ES, SE)

Works with Google Assistant

Yes (GB, FR, DE, IT, ES, AT, DK, IE, NL, NO, SE only)

Works With Alexa

Yes (GB, FR, DE, IT, ES, AT, IE only)

SmartThings App Support

Yes

SmartThings

Yes

Universal Browse & Play

Yes (GB, FR, DE, IT, ES)

Smart Feature

NFC on TV

N/A

TV Initiate Mirroring

Yes

Mobile Tap Mirroring

Yes

Video Communication

Google Duo

Multi-View

upto 2 videos

Sound Wall

Yes

Mobile Camera Support

Yes

TV Sound to Mobile

Yes

Sound Mirroring

Yes

Ambient Mode

Ambient Mode+

Wireless Dex

Yes

Web 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

Connectivity**eARC**

Yes (HDMI 3)

Bluetooth

Yes (BT5.2)

Design**Stand Color**

SPACE SILVER

Additional Feature**9:16 Screen Support**

N/A

Motion Detection (Frame)

N/A

Ambient Mode Brightness/Color Sensor

Brightness/Color Detection

One Connect Box

N/A

Accessibility**Accessibility - Learn TV Remote / Learn Menu Screen**

UK English, German, French, Spanish, Italian, Dutch, Polish, Danish, Swedish, Finnish, Norwegian, Portuguese, Russian(only when connecting to Network in EE,LV,LT)

Accessibility - Others

Enlarget / High Contrast / Multi-output Audio / SeeColors / Color Inversion / Grayscale / Sign Language Zoom / Slow Button Repeat / Graphic Zoom / Picture Off

Power & Eco Solution**Power Supply**

AC220-240V 50/60Hz

Power Consumption (Max)

310 W

Energy Efficiency Class

G

Power Consumption (Stand-by)

0.50 W

Power Consumption (Energy Saving Mode)
N/A

Power Consumption (Typical)
114 W

Dimension

Package Size (WxHxD)
1469.0 x 833.0 x 165.0 mm

Set Size with Stand (WxHxD)
1225.4 x 774.5 x 288.2 mm

Set Size without Stand (WxHxD)
1225.4 x 708.6 x 39.9 mm

Stand (Basic) (WxD)
362.9 x 288.2 mm

Stand (Minimum) (WxD)
N/A

VESA Spec
300 x 200 mm

Weight

Package Weight
27.6 kg

Set Weight with Stand
20.7 kg

Set Weight without Stand
16.5 kg

Accessory

Slim Fit Wall-mount Support
Yes

Optional Stand Support (Y20 Studio)
N/A

Optional One Connect Cable Support
N/A

Customizable Bezel Support
N/A

HDMI Cable
N/A
