

## Product

QLED

## Series

LS

## Display

### Screen Size

65"

### Resolution

3,840 x 2,160

### Anti Reflection Screen

N/A

## Video

### Picture Engine

Quantum Processor 4K

### PQI (Picture Quality Index)

4400

### HDR (High Dynamic Range)

Yes

### HDR 10+

Yes

### HLG (Hybrid Log Gamma)

Yes

### Contrast

Direct Full Array 16x

### Color

Colour Volume 100% by Quantum  
Dot

### Viewing Angle

Wide Viewing Angle

### Micro Dimming

Ultimate UHD Dimming Pro

### Contrast Enhancer

Yes

### Auto Motion Plus

Yes

### Film Mode

Yes

## Audio

### Dolby Digital Plus

Yes

### Dolby 5.1 Decoder

N/A

### Q-Symphony

N/A

### Dialog Enhancement

Yes

### Audio Pre-selection Descriptor

N/A

### Sound Output (RMS)

20W

### Speaker Type

2CH

### Woofer

N/A

### Multiroom Link

Yes

## Smart Service

### Samsung SMART TV

Smart

### Operating System

Tizen™

### Bixby

US English, UK English, India  
English, Korean, French, German,  
Italian, Spanish (features vary by  
language)

### Voice Interaction

N/A

### Far-Field Voice Interaction

N/A

### Multi Voice Assistant

Yes (GB, GG, IM, JE, IE, FR, DE, IT,  
ES, AT)

### Google Assistant Built-in

N/A

### 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)

### TV Plus

Yes(GB/FR/DE/IT/ES/AT/CH only)

### Web Browser

Yes

### SmartThings App Support

Yes

### SmartThings

Yes

### Universal Browse & Play

Yes(GB/FR/DE/IT/ES only)

### Gallery

Yes

## Convergence

### TV to Mobile - Mirroring

Yes

### Mobile to TV - Mirroring, DLNA

Yes

### NFC on TV

N/A

### Mobile Tap Mirroring

Yes

### Digital Butler

N/A

### Multi-View

Yes

### Sound Wall

N/A

### Personal Screen

N/A

### Remote Access

Yes

### Camera Support

N/A

### 360 Video Player

Yes

### WiFi Direct

Yes

### TV Sound to Mobile

Yes

### Sound Mirroring

Yes

## Tuner/Broadcasting

### Digital Broadcasting

DVB-T2CS2

### Analog Tuner

Yes

### CI (Common Interface)

CI+(1.4) / CI+(1.4 ECP)\_IT only

## Data Broadcasting

HbbTV  
2.0.1(IT,GB,DE,ES,CZ,SK)/HbbTV  
1.5(AT,FR,FI,EE,GR,SI,HR,BE,NL,LU)/HbbTV  
1.0(PL,HU,CH,PT,DK)/MHEG 5(IE)

## Connectivity

### HDMI

3

### USB

1

### Component In (Y/Pb/Pr)

N/A

### Composite In (AV)

N/A

### Ethernet (LAN)

Yes

### Digital Audio Out (Optical)

1

### RF In (Terrestrial / Cable input)

1/1(Common Use for Terrestrial)/2

### Ex-Link ( RS-232C )

N/A

### CI Slot

1

### HDMI A / Return Ch. Support

Yes

### eARC

Yes

### HDMI Quick Switch

Yes

### Wireless LAN Built-in

Yes (WiFi5)

### Bluetooth

Yes (BT4.2)

### Anynet+ (HDMI-CEC)

Yes

## Design

### Design

Solid Metal Design

### Bezel Type

SNB

### Slim Type

Normal

### Front Colour

TITAN BLACK

### Stand Type

NONE

### Stand Color

-

## Additional Feature

### Adaptive Picture

Yes

### Active Voice Amplifier

N/A

### Adaptive Sound

Adaptive Sound

### AI Streaming

N/A

### AI Upscale

Yes

### Décor Mode

N/A

### Motion Detection (Frame)

N/A

### Ambient Mode

Ambient Mode+

### Brightness/Color Detection

Brightness/Color Detection

### Portrait Mode

N/A

### Instant On

Yes

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

UK English, French, Spanish

### Accessibility - Others

Enigarge / High Contrast / Multi-output Audio / SeeColors / Color Inversion / Grayscale / Sign Language Zoom / Slow Button Repeat / Auto Detection for Sign Language Zoom Area / Show Closed Caption with Zooming Sign Language

### Ultra Clean View

N/A

### Digital Clean View

Yes

### Auto Channel Search

Yes

### Auto Power Off

Yes

### Caption (Subtitle)

Yes

### Connect Share™ (HDD)

Yes

### ConnectShare™ (USB 2.0)

Yes

### EPG

Yes

### Extended PVR

N/A

### Freesync

N/A

### G-SYNC

N/A

### Filmmaker Mode (FMM)

Yes

### IP Control

Yes

### OSD Language

27 European Languages + Russian(only when connecting to Network in EE, LV, LT)

### BT HID Built-in

Yes

### USB HID Support

Yes

### Teletext (TTX)

Yes

### Time Shift

N/A

### V-Chip

N/A

### IPv6 Support

Yes

## Eco Feature

### Eco Sensor

Yes

### Energy Efficiency Class

C

## Power

### Power Supply

### Power Consumption (Max)

### Power Consumption (Stand-by)

AC220-240V 50/60Hz

450 W

0.50 W

**Power Consumption (Energy Saving Mode)**

114 W

**Power Consumption (Typical)**

271 W

**Peak Luminance Ratio**

70 %

**Yearly Power Consumption (EU standard)**

376 kWh

## Dimension

**Package Size (WxHxD)**

1710 x 1035 x 215 mm

**Set Size with Stand (WxHxD)**

N/A x N/A x N/A

**Set Size without Stand (WxHxD)**

1466.3 x 851.1 x 59.8 mm

**Stand (Basic) (WxD)**

N/A

**Stand (Minimum) (WxD)**

N/A

## Weight

**Package Weight**

49.6 kg

**Set Weight with Stand**

N/A

**Set Weight without Stand**

38.9 kg

## Accessory

**Remote Controller Model**

TM2095A

**Batteries (for Remote Control)**

Yes

**Samsung Smart Control (Included)**

Yes

**No Gap Wall-mount**

N/A

**Optional Stand Support (Y20 Studio)**

N/A

**15m/10m One Invisible Connection Support**

N/A

**Vesa Wall Mount Support**

Yes

**Customizable Bezel Support**

N/A

**User Manual**

Yes

**E-Manual**

Yes

**ANT-Cable**

N/A

**Power Cable**

Yes

**HDMI Cable**

N/A

**Slim Gender Cable**

N/A