

Product Type LED

Series 8

| | | |
|----------------|--------------------------------------|------------------------------------|
| Display | Screen Size 43" | Resolution 3,840 x 2,160 |
| | Anti Reflection Screen N/A | Screen Curvature N/A |

| | | |
|------------------------------------|-----------------------------------------------|--------------------------------------------|
| Video | Picture Engine Crystal Processor 4K | PQI (Picture Quality Index) 2800 |
| | HDR (High Dynamic Range) HDR | HDR 10+ Yes |
| | HLG (Hybrid Log Gamma) Yes | Contrast Mega Contrast |
| | Viewing Angle N/A | Color Dynamic Crystal Color |
| | Dual LED Yes | Micro Dimming UHD Dimming |
| | Local Dimming N/A | Auto Depth Enhancer N/A |
| | Contrast Enhancer Yes | Film Mode Yes |
| Natural Mode Support Yes | | |

| | | |
|--------------|-------------------------------------|----------------------------------------------|
| Audio | Dolby Digital Plus Yes | Dolby 5.1 Decoder N/A |
| | Object Tracking Sound N/A | Q-Symphony N/A |
| | Dialog Enhancement Yes | Audio Pre-selection Descriptor Yes |

Sound Output (RMS)
20W

Speaker Type
2CH

Woofers
N/A

Smart Service

Samsung SMART TV
Smart

Operating System
Tizen™

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

Far-Field Voice Interaction
N/A

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

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)

Gallery
Yes

Convergence

TV to Mobile - Mirroring
N/A

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
N/A

360 Camera Support
N/A

WiFi Direct
Yes

TV Sound to Mobile
Yes

Sound Mirroring
Yes

Tuner/Broadcasting

Digital Broadcasting
DVB-TCS2(T2 Ready)

Analog Tuner
Yes

2 Tuner
N/A

CI (Common Interface)
CI+(1.4)

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

TV Key Support
Yes

Connectivity

HDMI
3

USB
2

Component In (Y/Pb/Pr)
N/A

Composite In (AV)
1

Ethernet (LAN)
Yes

Audio Out (Mini Jack)
N/A

Digital Audio Out (Optical)
1

RF In (Terrestrial / Cable input)
1/1(Common Use for Terrestrial)/1

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
New Bezel-less

Bezel Type
3 Bezel-less

Slim Type
Slim look

Front Colour
BLACK

Light Effect (Deco)
N/A

Stand Type
SLIM V-TYPE CENTER LOW

Stand Color
BLACK

Additional Feature

Adaptive Picture
N/A

Active Voice Amplifier
N/A

Adaptive Sound
Adaptive Sound

AI Upscale
N/A

Decor Mode

Motion Detection (Frame)

Decor Mode
N/A

Motion Detection (Frame)
N/A

Ambient Mode
Ambient Mode

Brightness/Color Detection
Brightness Detection

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
Enlarge / High Contrast / Multi-output Audio / SeeColors / Color Inversion / Grayscale / Sign Language Zoom / Slow Button Repeat / Auto Detection for Sign Language Zoom Area

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
Yes (*N/A for IT)

Game Mode
Yes (Auto Game Mode (ALLM), Game Motion Plus)

Freesync
N/A

G-SYNC
N/A

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

Picture-In-Picture
N/A

BT HID Built-in
Yes

USB HID Support
Yes

Teletext (TTX)
Yes

Time Shift
Yes (*N/A for IT)

V-Chip
N/A

IPv6 Support
Yes

MBR Support
Yes

Eco Feature

Eco Sensor
Yes

Energy Efficiency Class
A

Power

Power Supply
AC220-240V 50/60Hz

Power Consumption (Max)
115 W

Power Consumption (Energy Saving Mode)
31,6 W

Power Consumption (Typical)
69,0 W

Peak Luminance Ratio
75 %

Yearly Power Consumption (EU standard)
96 kWh

Dimension**Package Size (WxHxD)**
1138 x 667 x 168 mm**Set Size with Stand (WxHxD)**
963.5 x 645.2 x 334.3 mm**Set Size without Stand (WxHxD)**
963.5 x 557.7 x 56.8 mm**Stand (Basic) (WxD)**
835.1 x 334.3 mm**Stand (Minimum) (WxD)**
N/A

Weight**Package Weight**
15,4 kg**Set Weight with Stand**
11,3 kg**Set Weight without Stand**
9 kg

Accessory**Remote Controller Model**
TM2050A(*GB/IE : TM2050A+TM1240A)**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**Mini Wall Mount Support**
Yes**Vesa Wall Mount Support**
Yes**User Manual**
Yes**E-Manual**
Yes**ANT-Cable**
N/A**Power Cable**
Yes**HDMI Cable**
N/A**Slim Gender Cable**
N/A