

Product type	LED	
Series	9	
Display	Screen size 50 "	Resolution 3.840 x 2.160
Video	Image enhancement electronics Crystal Processor 4K	PQI (Picture Quality Index) 2800
	HDR (High Dynamic Range) HDR	HDR 10+ Supported
	HLG (Hybrid Log Gamma) Yes	Contrast Mega Contrast
	Color Dynamic Crystal Color	Micro Dimming UHD Dimming
	Contrast enhancement Yes	Movie mode Yes
	Natural mode Yes	
Audio	Dolby Digital Plus Yes	Multi-directional sound in every scene OTS Lite

Q-Symphony

Q-Symphony

Audio Preselection Description

Yes

Sound power (RMS)

20W

Speaker type

2CH

Smart Service**Samsung SMART TV**

Smart

Operating System

Tizen™

Bixby

American English, Korean, British English, French, German, Italian, Spanish (features vary by language)

Virtual assistant support

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

Google Assistant compatible

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

Alexa compatible

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

TV Plus

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

Web browser

Yes

SmartThings App Support

Yes

SmartThings

Yes

Universal Guide

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

Gallery

Yes

Convergence**Mobile TV mirroring, DLNA**

Yes

Start TV mirroring

Yes

Tap the view

Yes

Split screen

Up to 2 videos

Speaker

Yes

Remote access

Basis

WiFi Direct

Yes

Mirror TV sound to mobile

Yes

Sound reflection

Yes

Tuner / Broadcasting**Digital broadcasting**

DVB-T2CS2

Analog Tuner

Yes

CI (Common Interface)

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

Broadcasting

HbbTV 2.0.2 (IT, GB, DE, CZ, SK, ES, PL, AT, FR, FI, EE, GR, SI, HR, BE, NL, LU, LT, HU, CH, PT, DK, ME) / MHEG 5 (IE)

TV Key

Yes

Wired and wireless connection**HDMI**

3

USB

2

Ethernet (LAN)

Yes

Digital Audio Output (Optical)

1

RF input (ground / cable input)

1/1 (for terrestrial radiation) / 0

CI slot

1

HDMI A / Back channel aid

Yes

eARC

Yes

HDMI Quick Switch

Yes

Built-in Wi-Fi

Yes (WiFi5)

Bluetooth

Yes (BT5.2)

Anynet + (HDMI-CEC)Yes

Design

Design

AirSlim

Coffee type

Frameless on 3 sides

Design

Narrow design

Color

White

Sole type

SIMPLE PLUS-NARROW

Sole color

White

Additional features

Adaptive Sound

Adaptive sound

Background mode

Background mode

Brightness / Color Detection

Brightness detection

Accessibility - TV remote control description / Menu description

English [British], German, French, Spanish, Italian, Dutch, Polish, Danish, Swedish, Finnish, Norwegian, Portuguese, Russian (only connected to the network in Estonia, Latvia and Lithuania)

Accessibility - Other

Zoom / High Contrast / Multi-Enhanced Audio / Color Inversion / Grayscale / Sign Language Zoom / Slow Button Playback

Digital clear image

Yes

Automatic channel search

Yes

Automatic shut-off

Yes

Caption

Yes

Connect Share™ (HDD)

Yes

ConnectShare™ (USB 2.0)

Yes

EPG

Yes

Program recording

Yes (except Italy)

Freesync

FreeSync

Filmmaker Mode (FMM)

Yes

OSD language

27 European languages + Russian (only connected to the network in Estonia, Latvia and Lithuania)

BT HID support

Yes

USB HID support

Yes

Teletext (TTX)

Yes

Time shift

Yes (except Italy)

IPv6 Support

Yes

MBR support

Yes

Energy efficiency**Eco sensor**

Yes

Energy efficiency class

G

Performance**Power supply**

AC220-240V 50 / 60Hz

Energy consumption (Max)

140 W

Power consumption (Standby)

0.50 W

Power consumption (Energy saving mode)

SO

Energy consumption (General)

89.0 W.

Sizes**Package size (W x H x D)**

1246 x 771 x 137 mm

Device size with base (W x H x D)

1119.1 x 709.8 x 199.1 mm

Device size without base (W x H x D)

1119.1 x 644.9 x 25.7 mm

Base (W x H)

782.2 x 199.1 mm

Weight**Package weight**

16.3 kg

Weight with soles

12.1 kg

Weight without soles

11.5 kg

Accessories**Remote controller**

TM2180A

Batteries for remote control

Yes

Samsung Smart Control

Yes

Mini wall bracket

Supported

Vesa wall bracket

Supported

Instructions

Yes

E-manual

Available

Network Cable

Yes