

Display

Screen size *	190.5 cm (75 ")
HD type *	4K Ultra HD
Display resolution *	3840 x 2160 Pixels
Display technology *	QLED
Screen shape *	Flat
Native aspect ratio *	16:09
Motion interpolation technology *	PQI (Picture Quality Index) 4300
Video modes supported	1080p, 2160p
Graphics resolutions supported	1920 x 1080 (HD 1080), 3840 x 2160
Screen size (cm)	189 cm

TV tuner

Tuner type *	Analog and digital
Digital signal format *	DVB-C, DVB-S2, DVB-T2
Auto channel search	Yes

Smart TV

Smart TV *	Yes
Internet TV *	Yes
Operating system included *	Tizen
Screen mirroring	Yes
Hybrid Broadcast Broadband TV (HbbTV)	Yes
Smart modes	Film, Natural

Audio

Output power (RMS) *	60 W
Built-in subwoofer	Yes
Integrated audio format	Dolby Digital
Audio decoding technologies	Dolby Digital Plus

Network connection

Wi-Fi *	Yes
Ethernet LAN connection *	Yes
Bluetooth *	Yes
Direct Wi-Fi	Yes
Bluetooth version	4.2
Web browser	Yes

Performance

High Dynamic Range (HDR) supported *	Yes
High Dynamic Range Technology (HDR)	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG), Quantum HDR 2000
Game mode	Yes
Teletext function	Yes
Subtitle function	Yes
Local dimming	Yes
Image processing technology	Samsung Contrast Enhancer
Digital Clean View	Yes
AMD FreeSync	Yes

Scalability to 4K	Yes
MBR support	Yes

Performance

ConnectShare (HDD)	Yes
ConnectShare (USB)	Yes

Connectivity

HDMI ports quantity *	4
Ethernet LAN ports quantity (RJ-45) *	1
USB 2.0 ports quantity *	2
Common interface *	Yes
Common interface Plus (CI +) *	Yes
HDMI Quick Switch	Yes
Audio Return Channel (ARC)	Yes
Optical digital audio output	1
RF ports quantity	2
Common interface Plus (CI +) version	1.4
Consumer Electronics Control (CEC)	Anynet +

Management features

Voice control	Yes
Voice guidance	Yes
Electronic Program Guide (EPG)	Yes
On Screen Display (OSD)	Yes
Picture-in-Picture	Yes
Automatic shutdown	Yes

Energy management

Energy efficiency class *	B
Annual energy consumption *	356 kWh
Consumption *	257 W
Consumption (stand-by mode) *	0.5 W
Energy consumption (max)	305 W
AC input voltage	220 - 240 V
AC input frequency	50/60 Hz
Energy saving mode	Yes

Security certificates

DLNA certified *	Yes
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Dimensions and weight

Width *	1670.6 mm
Depth *	35.2 mm
Height *	957.8 mm
Weight *	38.1 kg
Width (with stand)	1670.6 mm
Depth (with stand)	317.9 mm
Height (with stand)	1048.7 mm

Product weight with stand 48.1 kg

Packaging data

Desk stand	Yes
Cables included	Power Cord
Portable remote control	Yes
Electronic manual	Yes
Packaging width	1858 mm
Packaging depth	207 mm
Packaging height	1120 mm
Packaging weight	61.5 kg
Type of packaging	Box