

TV System

TV System (Digital Cable)	M
On-board Storage (GB)	VHF: 2-13/UHF: 14-69/CATV: 1-135
Color System	ATSC/ ATSC3.0(NEXTGEN TV) depending on your country/area selection
Color Space	VHF: 2-13/UHF: 14-69(2-13/14-36 for ATSC3.0)
TV System (Analog)	Clear QAM
TV System (Digital Terrestrial)	CATV: 1-135
Tuner Channel Coverage (Digital Terrestrial)	1(Digital/Analog)
Tuner Channel Coverage (Analog)	NTSC
Number of Tuners (Terrestrial/Cable)	sRGB,BT709,BT2020,AdobeRGB,DCI
Tuner Channel Coverage (Digital Cable)	Google TV
Operating System	32GB

Display Features

Display Type	Full Array LED
Backlight dimming type	Local Dimming

Display Specs

Screen Size for WEB(diagonal, cm, integer or 1st decimal)	139 cm
Display resolution (H x V, pixels)	3840 x 2160
Viewing Angle (Right/Left)	178(89/89) degree
Viewing Angle (Up/Down)	178(89/89) degree
Display Resolution	QFHD
Aspect Ratio	16:9
Backlight type	Direct(Full Array LED)
Screen Size (inch, measured diagonally	55"(54.6")

Audio Specs

Channel	2ch
Audio Power Output	10W + 10W + 5W + 5W
Speaker Position	Down Firing + Side Back
Bass/Treble/Balance	Balance
Speaker type	Acoustic Multi-Audio
Speaker Configuration	Full Range (Bass Reflex) x 2, Tweeter x 2
Digital audio out (Optical) format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, DTS(Pass through mode only)

Network Features

APPLE AIRPLAY	Yes
APPLE HOMEKIT	Yes
Home Network Feature	Home Network Client, Home Network Renderer
Wi-Fi Direct	Yes
Wi-Fi Certified	Yes
Screen mirroring(Miracast™)	Yes (only for B2B purpose)
Video & TV SideView (iOS/Android)	Yes
Related Info	Yes (US, Canada, Mexico)
Wi-Fi Standard	a/b/g/n/ac
Wi-Fi Frequency	2.4GHz/5GHz(for Wi-Fi Direct: 2.4GHz Only)
Codec for Home Network	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2 S):AVC,MPEG4,HEVC/AVI:Xvid,MotionJpeg nail only)
Wireless LAN	Integrated
Control Menu	Yes
ECO Dashboard	Yes
Sensing Features	
sensor	Light
Energy Saving & Efficiency	

Dynamic Backlight Control	Yes
---------------------------	-----

Power Saving Mode / Back Light Off Mode	Yes
---	-----

SORPLAS	Yes
---------	-----

ECO FRIENDLY	Yes
--------------	-----

Customizing Capability

RS-232C Control	Yes
-----------------	-----

Design Features

STAND COLOR	Dark Silver
-------------	-------------

BEZEL DESIGN	Seamless edge
--------------	---------------

Frame color	Dark Silver
-------------	-------------

Stand design	Aluminum Slim Wedged Stand
--------------	----------------------------

STAND POSITION	2way position (Standard position/Soundbar position)
----------------	---

Regulation and Standard Compliance

VESA® Hole Spacing Compatible	Yes
-------------------------------	-----

VESA® Hole Pitch(W x H)	300 x 300 mm / 11 7/8 x 11 7/8 inch
-------------------------	-------------------------------------

Measurements (Approx.)

Dimension of TV without Stand (W x H x D)	1225 x 707 x 56 (40) mm / 48 1/4 x 27 7/8 x 2 1/4 (1 5/8) inch
---	--

Dimension of Package Carton (W x H x D)	1362 x 847 x 160 mm / 53 5/8 x 33 3/8 x 6 3/8 inch
---	--

AC Cable Length	1600mm
-----------------	--------

TV with Stand (Standard position) (W x H x D)	1225 x 738 x 345 mm / 48 1/4 x 29 1/8 x 13 5/8 inch
---	---

TV with Stand (Soundbar position) (W x H x D)	1225 x 778 x 345 mm / 48 1/4 x 30 3/4 x 13 5/8 inch
---	---

STAND WIDTH (STANDARD POSITION)	1067 mm / 42 1/8 inch
---------------------------------	-----------------------

STAND WIDTH (SOUNDBAR POSITION)	1067 mm / 42 1/8 inch
---------------------------------	-----------------------

Weights (Approx.)

Weight of TV without Stand	16.9 kg / 37.3 lb
----------------------------	-------------------

Weight of Package Carton(Gross)	24 kg / 52.9lb.
---------------------------------	-----------------

TV with Stand (Standard position)	17.7 kg / 39 lb
-----------------------------------	-----------------

TV with Stand (Soundbar position)	17.7 kg / 39 lb
-----------------------------------	-----------------

Carton Spec

Max Qty of carton stacking (vertical)	6
---------------------------------------	---

Supplied Accessories

Operating Instructions	EN,FR,ES
------------------------	----------

Batteries	LR03
-----------	------

AC Power Cord Spec	Bundle (C7L) (US) (2pin) (flat blades)
--------------------	--

Quick Setup Guide / Supplement CUE (GA)	EN,FR,ES,PT
---	-------------

Table Top Stand	Separate (Assembly required)
-----------------	------------------------------

Voice Remote Control (Supply)	RMF-TX810U
-------------------------------	------------

Optional Accessories

Wallmount Bracket	SU-WL855(Refer to Country/Area Handling Chart)
-------------------	--

Camera Unit (option)	CMU-BC1
----------------------	---------

Audio Features

ACOUSTIC AUTO CALIBRATION	Room & User Position Compensation
---------------------------	-----------------------------------

Clear Phase	Yes
-------------	-----

S-Master	S-Master Digital Amplifier
----------	----------------------------

Auto Surround	Yes
---------------	-----

DTS audio format support	DTS Digital Surround
--------------------------	----------------------

Sound Modes	Standard, Dialog, Cinema, Music, Sports, Dolby Audio
-------------	--

Simulated surround sound	S-Force Front Surround
--------------------------	------------------------

Dolby audio format support	Dolby Audio, Dolby Atmos
----------------------------	--------------------------

VOICE ZOOM	Voice Zoom 2
HDMI Audio Return Channel(ARC)	Yes (eARC/ARC)
Advanced Auto Volume	Yes
Auto Mute (on no signal)	Yes
HDMI input Audio format	5.1 channel linear PCM: 32/44.1/48/88.2/96/176.4/192kHz 16/20/24bits, Dolby Audio, Dolby Atmos, DTS
ARC output format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, Dolby Atmos, DTS(Pass through mode only)
ACOUSTIC CENTER SYNC	Yes (S-CENTER SPEAKER IN)
Ready for 360 Spatial Sound Personalizer	Y(with WLA-NS7)
Vertical Surround Engine	Vertical Surround Engine
Speaker Type-2	Sound Positioning Tweeter, X-Balanced Speaker

Inputs and Outputs

HDMI Signal	4096x2160p(24,60Hz), 3840x2160p(24,30,60,120Hz)*2 , 1080p(24,30,60,120Hz), 1080i(60Hz), 720p(24,30,60Hz), 480p
HDCP	HDCP2.3(for HDMI1/2/3/4)
Bluetooth profile support	Version 4.2,HID/HOGP/SPP/A2DP/AVRCP
4K 60P High-Quality formats	HDMI IN1, IN2 ports for 4K(up to 18Gbps) signal, HDMI IN3, IN4 port for

4K(up to 48Gbps) signal

AC Power Input C8 INLET(REAR)

RF (Terrestrial/Cable) Connection 1(Side)
Input(s)

Composite Video Input(s) Hybrid w/S-Center Speaker Input
x1(Side, Mini jack)

HDMI inputs total 4(4Side)

Analog Audio Input(s) (Total) 1(Side Analog Conversion)

Digital Audio Output(s) 1(Side)

USB ports 2 (Side)

Ethernet inputs 1(Side)

RS-232C Input(s) 1(Side)

HDMI PC Input Format 640x480(31.5kHz,60Hz),
800x600(37.9kHz,60Hz),
1024x768(48.4kHz,60Hz),
1280x1024(64.0kHz,60Hz),
1152x864(67.5kHz,75Hz),
1600x900(55.9kHz,60Hz),
1680x1050(65.3kHz,60Hz),
1920x1080(67.5kHz,60Hz),
3840x2160p(30Hz), 3840x2160p(60Hz,
8bits)

Power

Power Requirements (voltage) AC 120V for UL cUL AC 110-240V for
other

Power Requirements (frequency) 60Hz for UL cUL 50/60Hz for other

Rated Power Consumption 219 W

Power Consumption (in Standby)0.5 W

Video Features

Object-based Super ResolutionXR Super Resolution

Precision Color MappingYes

Face Area DetectionYes

Picture modesVivid,Standard,Cinema,IMAX
Enhanced,Game,Graphics,Photo,Custom,C
Vision (Vivid/Bright/Dark),Netflix
calibrated, BRAVIA CORE calibrated

Auto WideYes

Wide ModeWide
Zoom/Normal/Full/Zoom,Normal/Full1/Fi
for PC

4:3 DefaultYes

Video ProcessingXR 4K Upscaling

Motion enhancerXR Motion Clarity

24p True CinemaYes

Live Colour™ TechnologyYes

PhotoTV HD / BRAVIA 照片秀 for ChinaYes

CineMotion/Film Mode/Cinema DriveYes

4K ProcessorCognitive Processor XR

HDR (High Dynamic Range)compatiblityYes(HDR10,HLG,Dolby Vision)

Panel Refresh Rate (Native Hertz)	120Hz
Dual database processing	Yes
Dynamic Contrast Enhancer	Yes
Peak Luminance	XR Contrast Booster 10
TRILUMINOS	XR Triluminos Pro
HDR Remaster	XR HDR remaster
Smoothing	XR Smoothing
Features for PlayStation®5 Auto HDR Tone Mapping	Yes
Features for PlayStation®5 Auto Genre Picture Mode	Yes
XR Clear Image	Yes
Convenience Features	
Features specified in HDMI2.1	4K120/eARC/VRR/ALLM
Electronic Program Guide (EPG)	Yes
USB playback codecs	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2 S):AVC,MPEG4,HEVC/AVI:Xvid,MotionJpeg nail only)
Screen Reader	Yes
Audio Description	Yes
Text Magnification	Yes
Accessibility Shortcut	Yes

Switch Access	Yes
Auto Picture Mode	Yes
Text Input Language	ENG / FRA / GER / HEB / ITA / RUS / SPA / VIE / JPN Yes Yes*1 Yes (Google Play Store) Yes Yes Yes Analog & Digital Yes(Digital&Analog) Yes Yes Yes Yes (Supported File System: FAT16/FAT32/exFAT/NTFS) AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS
Chromecast built-in	Yes
Voice Search	Yes
Application Store	Yes (Google Play Store)
i-Manual	Yes
Parental Control	Yes
Channel Block (with password)	Analog & Digital
Show/Hide Channels	Yes(Digital&Analog)
On Screen Clock	Yes
Sleep Timer	Yes
On/Off Timer	Yes
USB drive format support	Yes (Supported File System: FAT16/FAT32/exFAT/NTFS)
Display Language	AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS
Auto Shut-off	Yes
UVC/UAC support	Yes

TALKBACK	Yes
----------	-----

Variable Refresh Rate (VRR)	Yes (for HDMI3/4)
-----------------------------	-------------------

Auto Low Latency Mode (ALLM)	Yes (for HDMI3/4)
------------------------------	-------------------

BUILT-IN MIC SWITCH	Yes(Center)
---------------------	-------------

Built-in Mic	Yes
--------------	-----

BRAVIA SYNC (INCLUDING HDMI-CEC)	Yes
----------------------------------	-----

General Features

Auto Calibration with CalMAN	Yes
------------------------------	-----

NETFLIX CALIBRATED MODE	Yes
-------------------------	-----

IMAX Certified Model	Yes
----------------------	-----

Closed Captions (Analog)	Closed Caption
--------------------------	----------------

Closed Captions (Digital)	Closed Caption
---------------------------	----------------

Demo Mode	Yes(e-POP only)
-----------	-----------------

SMART TV	Google TV
----------	-----------

BRAVIA CORE Calibrated mode	Yes
-----------------------------	-----

BRAVIA CORE	5 credits /12 months
-------------	----------------------