

## Model year

MODEL YEAR

2019

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## Dimensions and Weight

STAND WIDTH

Approx. 143.8 cm

SCREEN SIZE (INCH, MEASURED DIAGONALLY)

85" (84.6")

SCREEN SIZE (CM, MEASURED DIAGONALLY)

214.8 cm

WEIGHT OF PACKAGE CARTON (GROSS)

Approx. 65 kg

WEIGHT OF TV WITHOUT STAND

Approx. 46.5 Kg

VESA® HOLE PITCH(W X H)

40.0x40.0 cm

DIMENSION OF TV WITHOUT STAND (W X H X D)

Approx. 190.9x109.7x8.0 cm

WEIGHT OF TV WITH STAND

Approx. 49 Kg

DIMENSION OF PACKAGE CARTON (W X H X D)

Approx. 204.5 x 123.2 x 28.4 cm

DIMENSION OF TV WITH STAND (W X H X D)

Approx. 190.9x117.5x43.3 cm

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## Connectivity

HDCP

HDCP2.3(for HDMI™ 1/2/3/4)

USB DRIVE FORMAT SUPPORT

FAT16/FAT32/exFAT/NTFS

COMPONENT VIDEO (Y/PB/PR) INPUT(S)

1 (Rear / Hybrid with Composite Video Input)

HDMI INPUTS TOTAL

4(3Side,1Rear)

COMPOSITE VIDEO INPUT(S)

1 (Rear)

RS-232C INPUT(S)

No

DIGITAL AUDIO OUTPUT(S)

1 (Rear)

IF (SATELLITE) CONNECTION INPUT(S)

2(Side)

USB HDD RECORDING

Yes

MHL

No

HDMI AUDIO RETURN CHANNEL (ARC)

Yes (eARC)

RF (TERRESTRIAL/CABLE) CONNECTION INPUT(S)

1(Side)

HEADPHONE OUTPUT(S)

1 (Side)

USB PORTS

3 (Side)

USB PLAYBACK CODECS

MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4(XAVC S):AVC,MPEG4,HEVC/AVI:Xvid,MotionJpeg/ASF(WMV):VC1/MOV:AVC,MPEG4,MotionJpeg/MKV:Xvid,AVC,MP EG4,VP8.HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/WAV/MP4AAC/FLAC/JPEG;WEBM:VP9/AC4 /ogg/AAC/ARW(Screen nail only)

WI-FI STANDARD

Wi-Fi Certified 802.11a/b/g/n/ac

HDMI-CEC

Yes

SMARTPHONE CONNECTIVITY

Chromecast built-in, Video & TV SideView (iOS/Android)

## BLUETOOTH PROFILE SUPPORT

Version 4.2;HID (mouse/keyboard connectivity)/HOGP (Low Energy device connectivity)/SPP(Serial Port Profile)/A2DP (stereo audio) <sup>1</sup>/AVRCP (AV remote control)

## ETHERNET INPUTS

1 (Side)

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## Picture (Panel)

### BACKLIGHT DIMMING TYPE

Frame Dimming

### BACKLIGHT TYPE

Direct LED

### DISPLAY RESOLUTION (H X V, PIXELS)

3840x2160

### DISPLAY TYPE

LCD

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## Picture (processing)

### COLOUR ENHANCEMENT

TRILUMINOS™ Display, Live Colour™ Technology

### CONTRAST ENHANCEMENT

Object-based HDR remaster, Dynamic Contrast Enhancer

### HDR (HIGH DYNAMIC RANGE) COMPATIBILITY

Yes(HDR10, HLG, Dolby Vision)

### HEVC SUPPORT (BROADCAST)

Yes (Up to 3840x2160/60p 10bit)

### VIDEO SIGNAL SUPPORT

Analogue signal :1080p (50, 60 Hz), 1080i (50, 60 Hz), 720p (50, 60 Hz), 576p, 576i, 480p, 480i, HDMI™ signal :4096x2160p(24,50,60Hz), 3840x2160p(24,25,30,50,60Hz), 1080p(30,50,60Hz), 1080/24p, 1080i(50,60Hz), 720p(30,50,60Hz), 720/24p, 576p, 480p

### CLARITY ENHANCEMENT

4K X-Reality™ PRO

### PICTURE MODES

Vivid,Standard,Cinema,Game,Graphics,Photo,Custom,Dolby Vision Bright,Dolby Vision Dark

### PICTURE PROCESSOR

4K HDR Processor X1™

MOTION ENHANCER (NATIVE HZ)

Motionflow™ XR 1000Hz (Native 100Hz), Auto mode

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## Sound (Speakers and Amplifier)

SPEAKER CONFIGURATION

Full Range (Bass Reflex) x2, Tweeterx2

SPEAKER TYPE

Acoustic Multi-Audio

AUDIO POWER OUTPUT

10W+10W

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## Sound (Processing)

DOLBY AUDIO FORMAT SUPPORT

Dolby™ Audio(Dolby™ Digital, Dolby™ Digital Plus, Dolby™ AC-4)

DTS AUDIO FORMAT SUPPORT

DTS Digital Surround

SIMULATED SURROUND SOUND

No

FM RADIO

No

SOUND PROCESSING

No

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## Software

TWIN PICTURE

No

APPLICATION STORE

Yes(Google Play Store)

ON/OFF TIMER

Yes

VOICE SEARCH

(Voice Search)Yes/(Built-in Mic) No

SLEEP TIMER

Yes

TEXT INPUT LANGUAGE

ARABIC / BULGARIAN / CATALAN / CROATIAN / CZECH / DANISH / DUTCH / ENGLISH / ESTONIAN / FINNISH / FRENCH / GERMAN / GREEK / HEBREW / INDONESIAN / ITALIAN / JAPANESE / NORWEGIAN / PERSIAN / POLISH / PORTUGUESE / ROMANIAN / RUSSIAN / SLOVAK / SLOVENIAN / SPANISH / SWEDISH / THAI / TURKISH / UKRAINIAN / VIETNAMESE

OPERATING SYSTEM

Android™

INTERNET BROWSER

Vewd

ELECTRONIC PROGRAM GUIDE (EPG)

Yes

CLOSED CAPTIONS (ANALOG/DIGITAL)

(Analogue)No, (Digital)Subtitle

CONTENT BAR

No

ON-BOARD STORAGE (GB)

16GB

TELETEXT

Yes

DISPLAY LANGUAGE

BULGARIAN/CATALAN/CZECH/DANISH/GERMAN/GREEK/ENGLISH/SPANISH/ESTONIAN/FINNISH/FRENCH/HEBREW/CROATIAN/HUNGARIAN/ITALIAN/KAZAKH/LITHUANIAN/LATVIAN/DUTCH/NORWEGIAN/POLISH/PORTUGUESE/ROMANIAN/RUSSIAN/SLOVAK/SLOVENIAN/SERBIAN/SWEDISH/TURKISH/UKRAINIAN/BOSNIAN/MACEDONIAN

AUTO CALIBRATION WITH CALMAN®

Yes<sup>2</sup>

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## Power and Energy saving

POWER CONSUMPTION (IN OPERATION)

Rated: 362W / Standard: 216W

ANNUAL POWER CONSUMPTION\*

300 kWh/Year

SCREEN SIZE (INCH, MEASURED DIAGONALLY)

85" (84.6")

SCREEN SIZE (CM, MEASURED DIAGONALLY)

214.8 cm

POWER CONSUMPTION (IN STANDBY)

0.50W

ENERGY LEVEL RATING

A

MERCURY CONTENT(MG)

0.0

DYNAMIC BACKLIGHT CONTROL

Yes

PRESENCE OF LEAD

Yes

POWER SAVING MODE / BACK LIGHT OFF MODE

Yes

LIGHT SENSOR

Yes

PEAK LUMINANCE RATIO FOR EU

69%

POWER REQUIREMENTS (VOLTAGE/FREQUENCY)

50Hz, AC 220-240V

POWER CONSUMPTION (NETWORKED STANDBY MODE) – TERMINALS

2.00W(Wi-Fi) / 2.00W(LAN) / 1.00W(Bluetooth)

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## Design

FRAME COLOUR

Black

STAND DESIGN

Dark Silver

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## Built-in Tuner

TV SYSTEM (ANALOG)

B/G,D/K,I

TV SYSTEM (DIGITAL TERRESTRIAL)

DVB-T/T2

CI+

Yes

TUNER CHANNEL COVERAGE (DIGITAL TERRESTRIAL)

VHF/UHF(Depend on country selection)

NUMBER OF TUNERS (TERRESTRIAL/CABLE)

2(Digital)/1(Analog)

TUNER CHANNEL COVERAGE (DIGITAL SAT)

IF Frequency 950-2150MHz

NUMBER OF TUNERS (SAT)

2

TUNER CHANNEL COVERAGE (DIGITAL CABLE)

VHF/UHF/cable(Depend on country selection)

TV SYSTEM (DIGITAL CABLE)

DVB-C

TUNER CHANNEL COVERAGE (ANALOG)

45.25MHz-863.25MHz(Depend on country selection)

TV SYSTEM (DIGITAL SAT)

DVB-S/S2

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## Accessibility

AUDIO DESCRIPTION (AUDIO KEY)

Audio Description

SWITCH ACCESS

Yes

SCREEN READER

Yes

CLOSED CAPTION

Subtitle

TEXT MAGNIFICATION

Yes

VOICE SEARCH

Yes

ACCESSIBILITY SHORTCUT

Yes

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## Accessories

OPTIONAL ACCESSORIES

Wallmount Bracket (SU-WL450(Terminal access limitation))Depends on country selection

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## What's In The Box

Table Top Stand

Voice Remote Control

Batteries

AC Power Cord

Operating Instructions

Quick Setup Guide

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