

# Specifications

- Model year

- - MODEL YEAR  
2020

- Dimensions and Weight

- - STAND WIDTH  
Approx. 81.2 cm
  - SCREEN SIZE (INCH, MEASURED DIAGONALLY)  
55"(54.6")
  - WEIGHT OF PACKAGE CARTON (GROSS)  
Approx. 24 kg
  - WEIGHT OF TV WITHOUT STAND  
Approx. 15.4 kg
  - VESA® HOLE PITCH(W X H)  
20.0x20.0 cm
- - DIMENSION OF TV WITHOUT STAND (W X H X D)  
Approx. 124.1 x 72.1 x 7.9 cm
  - WEIGHT OF TV WITH STAND  
Approx. 16.3 kg
  - DIMENSION OF PACKAGE CARTON (W X H X D)  
Approx. 139.7 x 83.3 x 16.0 cm
  - DIMENSION OF TV WITH STAND (W X H X D)  
Approx. 124.1 x 78.1 x 34.0 cm
  - SCREEN SIZE (CM, MEASURED DIAGONALLY)  
139 cm

- Connectivity

- - HDCP  
HDCP2.3(for HDMI™ 1/2/3)
  - USB DRIVE FORMAT SUPPORT  
FAT16/FAT32/NTFS
  - COMPONENT VIDEO (Y/PB/PR) INPUT(S)  
No
  - HDMI INPUTS TOTAL  
3(2Side,1Rear)
  - COMPOSITE VIDEO INPUT(S)  
1(Bottom)
  - RS-232C INPUT(S)

- No
  - SUBWOOFER OUTPUT(S)  
1(Rear / Hybrid with Headphone Out)
  - DIGITAL AUDIO OUTPUT(S)  
1(Bottom)
  - IF (SATELLITE) CONNECTION INPUT(S)  
1(Side)
  - USB HDD RECORDING  
Yes (Except Italy and Africa)
  - HDMI AUDIO RETURN CHANNEL (ARC)  
Yes (ARC)
  - RF (TERRESTRIAL/CABLE) CONNECTION INPUT(S)  
1(Side)
- - HEADPHONE OUTPUT(S)  
1(Rear)
    - USB PORTS  
3(Side)
    - USB PLAYBACK CODECS  
MPEG1/MPEG2PS/MPEG2TS/AVCHD/MP4Part10/MP4Part  
2/AVI(XVID)/AVI(MotionJpeg)/WMV9/MKV/WEBM/WAV/MP3  
/WMA/JPEG
    - WI-FI STANDARD  
Wi-Fi Certified 802.11b/g/n
    - CHROMECAST BUILT-IN  
-
    - HDMI-CEC  
Yes
    - APPLE HOMEKIT  
-
    - AUDIO OUTPUT(S)  
1(Rear / Hybrid with Headphone Out)
    - BLUETOOTH PROFILE SUPPORT  
No
    - ETHERNET INPUTS  
1(Bottom)
    - APPLE AIRPLAY  
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## • Picture (Panel)

- - DISPLAY RESOLUTION (H X V, PIXELS)  
3840x2160
  - DISPLAY TYPE  
LCD
  - BACKLIGHT TYPE  
Direct LED
- - VIEWING ANGLE (X-WIDE ANGLE)  
-
  - BACKLIGHT DIMMING TYPE

## Frame Dimming

- Picture (processing)

- - COLOUR ENHANCEMENT  
TRILUMINOS™ Display, Live Colour™ Technology
  - CONTRAST ENHANCEMENT  
Dynamic Contrast Enhancer
  - HDR (HIGH DYNAMIC RANGE) COMPATIBILITY  
Yes(HDR10, HLG)
  - VIDEO SIGNAL SUPPORT  
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, 576i  
480p, 480i
  - CLARITY ENHANCEMENT  
4K X-Reality™ PRO
- - PICTURE MODES  
Vivid,Standard,Custom,Cinema,Sports,Photo-Vivid,Photo-Standard,Photo-Custom,Game,Graphics,HDR Game,HDR Cinema
  - PICTURE PROCESSOR  
No
  - MOTION ENHANCER (NATIVE HZ)  
Motionflow™ XR 200Hz (Native 50Hz)
  - SENSOR  
-

- Sound (Speakers and Amplifier)

- - SPEAKER CONFIGURATION  
Full Range (Bass Reflex) x 2
  - SPEAKER TYPE  
Bass Reflex Speaker
- - AUDIO POWER OUTPUT  
10W + 10W

- Sound (Processing)

- - SOUND MODES  
Standard, Music, Cinema, Sports
  - DOLBY AUDIO FORMAT SUPPORT  
Dolby™ Audio
  - DTS AUDIO FORMAT SUPPORT  
DTS Digital Surround

- - SIMULATED SURROUND SOUND  
S-Force Front Surround
  - FM RADIO  
Yes(RU and UA only)
  - SOUND PROCESSING  
ClearAudio+

- Software

- - ON/OFF TIMER  
Yes
  - VOICE SEARCH  
No
  - SLEEP TIMER  
Yes
  - TEXT INPUT LANGUAGE  
ENGLISH/DUTCH/FRENCH/ITALIAN/GERMAN/GREEK/TURKISH/SPANISH/CATALAN/  
PORTUGUESE/POLISH/CZECH/HUNGARIAN/RUSSIAN/BULGARIAN/FINNISH/DANIS  
H/SWEDISH/NORWEGIAN/SLOVAK/ROMANIAN/SLOVENIAN/ESTONIAN/LATVIAN/UK  
RAINIAN/LITHUANIAN/CROATIAN/MACEDONIAN
  - OPERATING SYSTEM  
Linux
  - INTERNET BROWSER  
VEWD

- - ELECTRONIC PROGRAM GUIDE (EPG)  
Yes
  - CLOSED CAPTIONS (ANALOG/DIGITAL)  
(Analogue)No, (Digital)Subtitle
  - ON-BOARD STORAGE (GB)  
-
  - TELETEXT  
Yes
  - DISPLAY LANGUAGE  
BULGARIAN/CATALAN/CZECH/DANISH/GERMAN/GREEK/  
ENGLISH/SPANISH/ESTONIAN/FINNISH/FRENCH/HEBRE  
W/CROATIAN/HUNGARIAN/ITALIAN/KAZAKH/LITHUANIA  
N/LATVIAN/DUTCH/NORWEGIAN/POLISH/PORTUGUESE/  
ROMANIAN/RUSSIAN/SLOVAK/SLOVENIAN/SERBIAN/SW  
EDISH/TURKISH/UKRAINIAN/BOSNIAN/MACEDONIAN
  - AUTO CALIBRATION WITH CALMAN®  
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- Power and Energy saving

- - SCREEN SIZE (CM, MEASURED DIAGONALLY)  
139 cm

- ANNUAL ENERGY CONSUMPTION\*  
110 kWh/1000h
  - SCREEN SIZE (INCH, MEASURED DIAGONALLY)  
55"(54.6")
  - POWER CONSUMPTION (IN STANDBY)  
0.50W
  - ENERGY LEVEL RATING  
G
  - MERCURY CONTENT(MG)  
0.0 mg
- - DYNAMIC BACKLIGHT CONTROL  
Yes
    - PRESENCE OF LEAD  
Yes
    - POWER SAVING MODE / BACK LIGHT OFF MODE  
Yes
    - PEAK LUMINANCE RATIO  
76%
    - POWER REQUIREMENTS (VOLTAGE/FREQUENCY)  
50Hz, AC 220-240V
    - POWER CONSUMPTION (NETWORKED STANDBY MODE) –  
TERMINALS  
2.00W (Wi-Fi) / 2.00W (LAN)

## • Design

- - STAND COLOR  
Black
  - STAND POSITION  
-
  - REMOTE CONTROL  
Standard Remote
- - BEZEL COLOR  
Black
  - BEZEL DESIGN  
Narrow Bezel
  - STAND DESIGN  
Slim Blade Stand

## • 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)  
1(Digital/Analog)
- TUNER CHANNEL COVERAGE (DIGITAL SAT)  
IF Frequency 950-2150MHz
  - - NUMBER OF TUNERS (SAT)  
1
    - 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

## • Accessibility

- - VOICE SEARCH  
-
  - CLOSED CAPTION  
Subtitle
- - AUDIO DESCRIPTION (AUDIO KEY)  
Audio Description
  - SCREEN READER  
-

## • Accessories

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

## • What's In The Box

- Table Top Stand
- Remote Control
- Batteries
- AC Power Cord
- Operating Instructions
- Quick Setup Guide