Picture

Panel Technology
HDR Bright Panel /4K LCD

Resolution (W x H)
4K Ultra HD/3,840 x 2,160

Motion Technology
100 Hz MRR

Multi HDR Support*2
HDR10+ Signal Support/HDR10/HLG/DolbyVision

Dimming/Contrast
Local Dimming

Colour Space
—

Dolby Vision IQ
—

HDR10+ Adaptive
—

Filmmaker Mode
Y (with intelligent sensing)

Processor/Engine
HCX Processor

HEXA Chroma Drive
Hexa Chroma Drive PRO

Auto AI for Picture
—

Picture Mode
Dynamic/Normal/Cinema/True Cinema/FILMMAKER MODE/Sport/Game/DolbyVision (Vivid/Bright/Dark)

isf Mode
—

Calman READY
—

Sound

Dolby Atmos
—

Surround
Surround Sound

Speaker Output
20 W (10 W x 2)

Auto AI for Sound
—

Sound Mode
User/Standard/Vivid/Sports/Movie/Music/News

Smart Features*1

Smart TV
Android

my Scenery
—

Google Assistant*3 Built-in
Y
Works with Google Assistant
Y
Alexa Built-in*4
—
Works with Alexa*4
—
Panasonic TV Remote 3 App (swipe & share)
—
Home Network*5
—
Web Browser*6
—
Easy Mirroring/Chromecast built-in
Chromecast built-in
Media Player
   Media Player
      Y
   Support Format
      AVI/HEVC/MKV/WMV/MP4/M4v/FLV/3GPP/VOB/TS/PS, MP3/AAC/WMA Pro/FLAC/WAV, JPEG
Hotel Mode
Y

Connectivity
Wireless LAN Built-in*7
Y
Bluetooth
   Bluetooth*8
      Y
      HID / HOGP (Keyboard/Mouse)
      A2DP (Stereo Audio: Out Single)
   Bluetooth Audio Link*9
      Y
DDR/Flash Memory
—

Terminal
HDMI Inputs
   HDMI Inputs*10
      3 (side: 2, rear: 1)
   HDCP
      Y (HDCP2.3)
   HDMI Support Feature
      HSMI 2.1 Support Feature
      ARC (Audio Return Channel) (Input 2)
      ALLM (Auto Low Latency Mode) (All inputs)
   AMD Freesync Premium*11
      —

HDMI Signal Power Link
—
USB
2 (side; USB 2.0 x 2)
Ethernet
1
CI (Common Interface)
—
Analogue (Composite) Video Input
RCA phono type x 1 (rear)
Component Video Input shared with Composite
—
Digital Audio Output (Optical)
1 (rear)
Digital Audio Output (Coax)
—
Analogue Audio Output
—
PC input (VGA) + PC Audio In
—
Headphone Output
1 (side)

Broadcasting
Digital Tuner
DVB-T/T2/DVB-S
Analogue Tuner
4-System (PAL/NTSC/M-NTSC/PAL-60)
Data Broadcasting
Hbb TV (Freeview PLUS)
Teletext Reception
500P
USB-HDD Recording*12
Y (w/ Rewind live TV)
Multi Window
—
HDAVI Control
—
Voice Guidance
—
EPG
SI, 7 days
On Screen Display Menu Languages
8 Languages*17
Twin Tuner
—

Design
Design
Slim Design

Energy Data

Visible Screen Size (diagonal)
146 cm / 58 inches
Standby Power Consumption
0.5 W
Power Supply
AC 220 - 240 V, 50/60 Hz
Rated Power Consumption
0.80 A
Ambient Sensor (CATS)
Y

General

Included Accessory*13
TV Remote
Dimensions (W x H x D) (w/o stand)
1,300 x 762 x 65 mm
Dimensions (W x H x D) (with stand)*14
1,300 x 787 x 247 mm
Weight (w/o stand)
14.3 kg
Weight (with stand)
14.8 kg
Dimension Pedestal (W x D)
1,115 x 247 mm
VESA Compatible
Y
VESA Dimension (W x H)
300 x 200 mm
Carton Box Dimension (W x H x D)
1,407 × 866 × 161 mm
Carton Box Weight
21 kg

NOTE

NOTE

*1 Features and specifications are subject to change without prior notification. Internet connection is required with smart functions.

*2 All models: Supporting HDR does not increase the peak brightness capabilities of the TV panel.

Full HD & HD models: The ability to send a non 4K HDR signal via HDMI depends fully on the playback device. The majority of 4K Blu-ray discs require HDCP2.2 on TV to play back HDR, whereas the HDMI input on this TV support only HDCP1.4; accordingly not all HDR contents are guaranteed to be enjoyed on the TV.

*3 Google, Android TV and Chromecast built-in a trademarks of Google LLC

Google Assistant is not available in certain languages and countries

Requires internet connection. Subscriptions for services may be required.

*4 Amazon, Alexa is not available in certain languages and countries. Requires internet connection. Subscriptions for services may be required.

*5 File formats that are not supported by your Network Contents server (DLNA

compatible server, etc.) cannot be played.

*6 The Web Browser cannot display some web pages correctly. And viewable contents by the Web Browser are subject to the following conditions;
- viewable contents may vary depend on models,
- viewable contents may differ from those for PC,
- viewable contents may be limited.

*7 In case the password of the registered device or user is known by a third party, there is a risk of unauthorized entries. Keep your password safe. Panasonic will make no warranty for the unauthorised entries.
To prevent a risk of interception, unauthorised entries and hacking, set up the proper security settings (encryption setting).

*8 HID (Human Interface Device Profile) compliant keyboards are available. A2DP (Advanced Audio Distribution Profile) compliant audio devices are available. The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Panasonic Corporation is under license.

*9 When a Bluetooth device is connected to the TV, it is possible that the Bluetooth audio output may not be synchronized (i.e. be delayed) with relation to the images on the screen. This is not a defect of the TV or the device. The delay time will differ depending on the device.

*10 The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

*11 ©2020 Advanced Micro Devices, Inc. All rights reserved. AMD and FreeSync and combinations thereof are trademarks of Advanced Micro Devices, Inc.

*12 This feature requires a USB hard drive or flash drive with a capacity of at least 160 GB.

*13 Not all the accessories are listed here.

*14 Dimension with recommended pedestal style.

*15 Supporting HSP standardized by CTA-2072 (HDR Still Photo Interface)

*16 To playback HDR, a HDR source is required (H.264 or H.265(ST2084 or HLG format)).

*17 8 Languages [English/Chinese (Simplified)/Indonesia/Thai/Hindi/Burmese/Vietnamese/Chinese (Taiwan)