



TX-50JX800E 50 collu, LED, 4K HDR Smart TV

Picture

Panel Technology	HDR Bright Panel Plus /4K LCD
Resolution (W x H)	4K Ultra HD/3,840 x 2,160
Motion Technology	4K 1400 Hz BMR
Multi HDR Support*2	HDR10+ Adaptive/HDR10/HLG/DolbyVision
Dimming/Contrast	Adaptive Backlight Dimming
Colour Space	Wide Colour Spectrum
Dolby Vision IQ	—
HDR10+ Adaptive	Y
Filmmaker Mode	Y (with intelligent sensing)
Processor/Engine	HCX Processor
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	—
Panasonic TV Remote 3 App (swipe & share)	—
Home Network*5	—
IP Home Control	—
In-House TV Streaming (SATIP/DVB-IP)	—
Web Browser*6	—
Easy Mirroring/Chromecast built-in	Chromecast built-in
Media Player	Y
Support Format	AVI/HEVC/MKV/WMV/MP4/M4v/FLV/3GPP/VOB/TS/PS, MP3/AAC/WMA Pro/FLAC/WAV, JPEG

Connectivity

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

Terminal

HDMI Inputs*10	HDMI Inputs	3 (side: 2, rear: 1)
	HDCP	Y (HDCP2.3)
	HDMI 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)	1 (CI Plus, Version 1.4, ECP)
Analogue Video Input	RCA phono type x 1 (rear)
Component Video Input shared with Composite	—
Digital Audio Output (Optical)	1 (rear)
Digital Audio Output (Coax)	—
PC input (VGA) + PC Audio In	—
Headphone Output	1 (side)

Broadcasting

Digital Tuner	DVB-T/T2/DVB-S2/DVB-C
Analogue Tuner	Y
Data Broadcasting	Hbb TV
Teletext Reception	500P
USB-HDD Recording*12	Y (w/ Rewind live TV)
Multi Window	—
HDAVI Control	—
Voice Guidance	—
EPG	Y
On Screen Display Menu Languages	27 Languages*19
Twin Tuner	—

Design

Design	Slim Design
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Energy Data



Suppliers Trademark Panasonic

Model ID	TX-50JX800E
Energy Efficiency Class	G
Visible Screen Size (diagonal)	126 cm / 50 inches
On mode Average Power Consumption*13	78 kWh/1000h
Annual Energy Consumption*13	-
Standby Power Consumption	0.5W
Off mode Power Consumption	0.3W
Screen Resolution	3,840 x 2,160
Power Supply	AC 220 - 240 V, 50/60 Hz
Rated Power Consumption	160 W
Ambient Sensor (CATS)	Y

General

Included Accessory*15	TV Remote
Dimensions (W x H x D) (w/o stand)	1,123 x 657 x 62 mm
Dimensions (W x H x D) (with stand)*16	1,123 x 682 x 247 mm
Weight (w/o stand)	9.9 kg
Weight (with stand)	10.4 kg
Dimension Pedestal (W x D)	958 x 247 mm
VESA Compatible	Y
VESA Dimension (W x H)	200 x 200 mm
Carton Box Dimension (W x H x D)	1,224 × 754 × 146 mm
Outer Boxed Unit (W x H x D)	1,224 × 754 × 146 mm
Carton Box Weight	15 kg
Total Boxed Weight	13 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 are 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 and all related logos are trademarks of Amazon.com, Inc. or its affiliates.
- *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 unauthorized entries.
To prevent a risk of interception, unauthorized 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 Based on (EU) 2019/2021 transitional measurement method.
- *14 Energy consumption XYZ kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.
- *15 Not all the accessories are listed here.
- *16 Dimension with recommended pedestal style.
- *17 Supporting HSP standardized by CTA-2072 (HDR Still Photo Interface)
- *18 To playback HDR, a HDR source is required (H.264 or H.265(ST2084 or HLG format)).
- *19 27 Languages (English / German / Italian / Spanish / French / Danish / Finnish / Swedish / Dutch / Hungarian / Czech / Romanian / Bulgarian / Polish / Norwegian / Estonian / Latvian / Lithuanian / Portuguese / Turkish / Greek / Croatian / Slovak / Slovenian / Serbian / Russian / Macedonian)

