



TX-55LZ1000E 55-tum, OLED, 4K HDR Smart-TV

Picture

Panel Technology	4K OLED/Master OLED
Resolution (W x H)	4K Ultra HD/3,840 x 2,160
Motion Technology	Smooth Motion Drive Pro
Multi HDR Support*2	HDR10+ Adaptive/HDR10/HLG/DolbyVision IQ/HLG Photo**17
Dimming/Contrast	OLED/Ultimate Contrast
Colour Space	Wide Colour Spectrum
Dolby Vision IQ	Y
HDR10+ Adaptive	Y
Filmmaker Mode	Y (with intelligent sensing)
Processor/Engine	HCX Pro AI Processor
Auto AI for Picture	Y
Picture Mode	Auto AI/Dynamic/Normal/Cinema/True Cinema/FILMMAKER/Custom/Professional Photo/Professional1 (isfcc)/Professional2 (isfcc)/Sport/Game/DolbyVision (Vivid/IQ/Dark)/Netflix Adaptive Calibrated Mode
isf Mode	Y
Calman READY	Y (Internal Pattern Generator)

Sound

Dolby Atmos	Y
Surround	Cinema Surround Pro
Speaker Output	30 W (15 W x 2)

Auto AI for Sound	—
Sound Mode	Standard/Music/Speech/Stadium/User

Smart Features*1

Smart TV	my Home Screen7.0
my Scenery	Y
Google Assistant*3 Built-in	Y
Works with Google Assistant	Y
Alexa Built-in*4	Y
Works with Alexa	Y
Panasonic TV Remote 3 App (swipe & share)	Y
Home Network*5	Y (Server / Client)
IP Home Control	Y
In-House TV Streaming (SATIP/DVB-IP)	Y (Server / Client)
Web Browser*6	Y
Easy Mirroring/Chromecast built-in	Easy Mirroring
Media Player	Y (2.0)*18
Support Format	AVI/HEVC/MKV/WMV/MP4/M4v/FLV/3GPP/VRO/VOB/TS/PS/AV1, MP3/AAC/WMA Pro/FLAC/Apple Lossless/WAV, JPEG/HLG Photo

Gaming

Game Mode	Y (Game Mode Extreme with Game Control Board)
HDMI 2.1 VRR Support	Y
HDMI 2.1 HFR - 120Hz Support	Y
AMD Freesync Premium*7	Y

Connectivity

Wireless LAN Built-in*8	Y
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Bluetooth*9	Y HID / HOGP (Keyboard/Mouse) A2DP (Stereo Audio: In Single / Out Dual)
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Bluetooth Audio Link*10	Y
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Terminal

HDMI Inputs*11	4 (side: 1, bottom: 3)
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HDCP	Y (HDCP2.3)
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HDMI Support Feature	HDMI2.1 Support Feature eARC (Enhanced Audio Return Channel) (Input 2) ALLM (Auto Low Latency Mode) (All inputs) VRR (Variable Refresh Rate) (input 1 & 2) 4K HFR (High Frame Rate) (input 1 & 2) AMD Freesync Premium (input 1 & 2)
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HDMI Signal Power Link	Y
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USB	3 (2 side, 1 bottom; USB 3.0 x 1, USB 2.0 x 2)
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Ethernet	1
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CI (Common Interface)	2 (CI Plus, Version 1.4, ECP)
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Analogue Video Input	M3 x 1 (bottom)
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Component Video Input shared with Composite	—
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Digital Audio Output (Optical)	1 (bottom)
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Digital Audio Output (Coax)	—
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PC input (VGA) + PC Audio In	—
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Headphone Output	1 (side; switchable to Subwoofer)
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Broadcasting

Digital Tuner	DVB-T/T2/DVB-S2/DVB-C
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Analogue Tuner	Y
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Data Broadcasting	Hbb TV
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Teletext Reception	2000P
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USB-HDD Recording*12	Y (w/ Rewind Live TV)
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Multi Window	2T PAP/PAT
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HDAVI Control	Y
Voice Guidance	Y
EPG	Y
On Screen Display Menu Languages	27 Languages**19
Twin Tuner	Y

Design

Swivel Design

Energy Data

Suppliers Trademark	Panasonic
Model ID	TX-55LZ1000E
Visible Screen Size (diagonal)	139 cm / 55 inches
Standby Power Consumption	0.5 W
Off mode Power Consumption	0.3 W
Screen Resolution	3,840 x 2,160
Power Supply	AC 220 - 240 V, 50/60 Hz
Rated Power Consumption	312 W
Ambient Sensor (CATS)	Y

General

Included Accessory**15	TV Remote
Dimensions (W x H x D) (w/o stand)	1,227 x 711 x 69 mm
Dimensions (W x H x D) (with stand)**16	1,227 x 771 x 348 mm
Weight (w/o stand)	14.5 kg
Weight (with stand)	19.5 kg
Dimension Pedestal (W x D)	388 x 348 mm
VESA Compatible	Y

VESA Dimension (W x H)	300 x 300 mm
Outer Boxed Unit (W x H x D)	1,591 x 850 x 234 mm
Total Boxed Weight	27 kg

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. Please check the HDCP version of HDMI inputs. 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.
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 ©2020 Advanced Micro Devices, Inc. All rights reserved. AMD and FreeSync and combinations thereof are trademarks of Advanced Micro Devices, Inc.
- *8 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).
- *9 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.
- *10 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.
- *11 The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, 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)

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