

Panasonic



Z85C
SERIES



OLED

Discover redefined entertainment with OLED technology and Google TV

ENTRY LEVEL 4K UHD OLED TV

65"

TN-65Z85CEZS / 164 cm
EAN 5025232998814

55"

TN-55Z85CEZS / 139 cm
EAN 5025232998821

4K OLED TV Z85C Series Google TV: Elevate your entertainment with OLED technology and Surround Sound Pro, delivering a captivating cinematic experience right in your home. Stream live TV, easily navigate your favorites with Alexa voice control, and enjoy personalized recommendations tailored just for you. Enjoy ultra-smooth and immersive gameplay thanks to Game Mode Extreme, powered by HDMI 2.1 connectivity. Swivel design for full flexibility in your home.

4K OLED panel: Immerse yourself in deep blacks and vibrant colours with OLED technology

Game Mode Extreme: Stunning speed, resolution and motion with 120 Hz, HFR and VRR

AI 4K Colour Engine Ultra: Cinema intelligence at a professional grade

Surround Sound Pro: Feel the action with cinematic surround and Dolby Atmos®

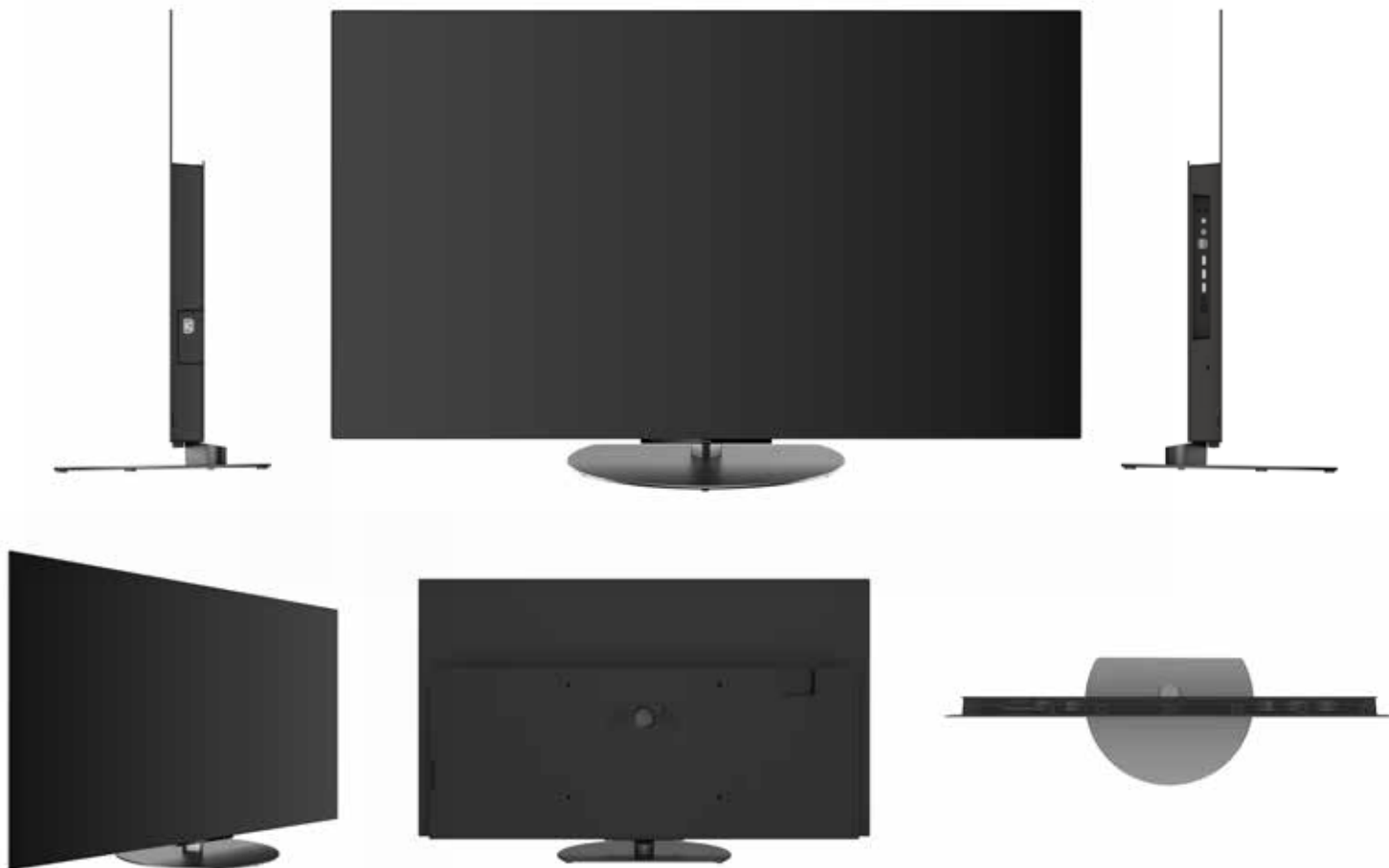
Multi-HDR: See stunning HDR performance with support for major formats such as Dolby Vision and HDR10+

Google TV for intuitive usability with personalized content recommendation



4K ULTRA
HD

		TN-65Z85CEZS	TN-55Z85CEZS
Picture	Panel Technology	4K OLED	4K OLED
	Resolution (W x H)	4K Ultra HD / 3.840 x 2.162	4K Ultra HD / 3.840 x 2.161
	Panel Refresh Rate	120 Hz	120 Hz
	Smooth Motion Drive Pro	● MEMC	● MEMC
	Multi HDR Support*2	HDR10+ / HLG / Dolby Vision	HDR10+ / HLG / Dolby Vision
	Glare Free	—	—
	Dimming/Contrast	OLED	OLED
	Colour Space	Wide Colour Spectrum	Wide Colour Spectrum
	Dolby Vision IQ	—	—
	HDR10+ Adaptive	—	—
	Filmmaker Mode	●	●
	Processor/Engine	AI 4K Colour Engine Ultra	AI 4K Colour Engine Ultra
	AI for Picture	●	●
	Picture Mode	Energy Saving / User / Standard / Sport / Vivid / Movie / Game	Energy Saving / User / Standard / Sport / Vivid / Movie / Game
Sound	isf Mode	—	—
	Calman READY	—	—
	Dolby Atmos	●	●
	Surround	Surround Sound Pro	Surround Sound Pro
	Speaker Channel Configuration	2.1	2.1
	Speaker Output	50 W (Front: 15 W x2 + Woofer: 20 W)	50 W (Front: 15 W x2 + Woofer: 20 W)
Smart Features*1	Auto AI for Sound	—	—
	Sound Mode	Standard / Vivid / News / Movie / Music / Sports / User	Standard / Vivid / News / Movie / Music / Sports / User
	Smart TV	Google TV	Google TV
	Google Assistant*3 Built-in	● (Hands-free)	● (Hands-free)
	Works with Google Assistant	●	●
	Alexa*4	—	—
	Works with Alexa	●	●
	Fire TV Ambient Mode	—	—
	Art Time Mode (Frame Mode)	●	●
	Additional Voice Assistant	—	—
	Apple AirPlay*5	—	—
	Apple Home*5	—	—
	Home Network*6	● (Client)	● (Client)
	IP Home Control	—	—
Gaming	In-House TV Streaming (SATIP/DVB-IP)	—	—
	Mirroring / Cast	—	—
	Media Player	Mirroring / Chromecast	Mirroring / Chromecast
	Game Mode	●*17	●*17
	HDMI 2.1 VRR Support	● Game Mode Extreme w/o Game Control Board	● Game Mode Extreme w/o Game Control Board
	HDMI 2.1 HFR Support	● (Up to 120 Hz)	● (Up to 120 Hz)
Connectivity	AMD FreeSync Premium*7	●	●
	G-Sync Compatible*8	—	—
	Wireless LAN Built-in*9	● Dual Band AC	● Dual Band AC
	Bluetooth*10	● HiD / HOGP (Keyboard/Mouse), A2DP (Stereo Audio: Out)	● HiD / HOGP (Keyboard/Mouse), A2DP (Stereo Audio: Out)
Terminal	Bluetooth Audio Link*11	●	●
	HDMI Inputs*12	3	3
	HDCP	● (HDCP2.3)	● (HDCP2.3)
	HDMI Support Feature	HDMI2.1 Support Feature	HDMI2.1 Support Feature
		eARC (Enhanced Audio Return Channel)	eARC (Enhanced Audio Return Channel)
		ALLM (Auto Low Latency Mode)	ALLM (Auto Low Latency Mode)
		VRR (Variable Refresh Rate)	VRR (Variable Refresh Rate)
		4K HFR (High Frame Rate)	4K HFR (High Frame Rate)
		AMD Freesync Premium	AMD Freesync Premium
	HDMI Signal Power Link	—	—
	USB	2	2
	Ethernet	1	1
	CI (Common Interface)	1 (CI Plus, Version 1.4, ECP)	1 (CI Plus, Version 1.4, ECP)
	Composite Video Input	1 mini plug	1 mini plug
Broadcasting	Component Video Input shared with Composite	—	—
	Digital Audio Output (Optical)	1	1
	Digital Audio Output (Coax)	—	—
	PC input (VGA) + PC Audio In	—	—
	Headphone Output	1	1
	Digital Tuner	DVB-T / T2 / DVB-S2 / DVB-C	DVB-T / T2 / DVB-S2 / DVB-C
	Analog Tuner	—	—
	Data Broadcasting	Hbb TV	Hbb TV
	USB-HDD Recording*13	● incl. Timeshift	● incl. Timeshift
	Multi Window	—	—
	HDMI CEC Control	●	●
	Voice Guidance	●	●
	EPG	●	●
	On Screen Display Menu Languages	48 Languages*19	48 Languages*19
Design	Twin Tuner	—	—
	Pedestal Shape	Central Pedestal	Central Pedestal
Energy Data	Pedestal Material / Colour	Metal / Black	Metal / Black
	Suppliers Trademark	Panasonic	Panasonic
	Model ID	TN-65Z85CEZS	TN-55Z85CEZS
	Energy Efficiency Class	SDR: F; HDR: G	SDR: F; HDR: G
	Visible Screen Size (diagonal)	164 cm / 65 inches	139 cm / 55 inches
	On mode Average Power Consumption*14	SDR: 102 kWh/1000h; HDR: 143 kWh/1000h	SDR: 76 kWh/1000h; HDR: 110 kWh/1000h
	Standby Power Consumption	0,5 W	0,5 W
	Off mode Power Consumption	—	—
	Screen Resolution	3.840 x 2.160	3.840 x 2.160
	Power Supply	AC 100–240 V, 50/60 Hz	AC 100–240 V, 50/60 Hz
	Rated Power Consumption	TBD	TBD
	Ambient Sensor (CATS)	●	●
	Epel Reg. Number	2658718	2658724
General	Included Accessory*15	Voice TV Remote (2x AAA Batteries)	Voice TV Remote (2x AAA Batteries)
	Dimensions (W x H x D) (w/o stand)	1447 x 825 x 56 mm	1226 x 710 x 56 mm
	Dimensions (W x H x D) (with stand)*16	1447 x 874 x 351 mm	1226 x 750 x 351 mm
	Weight (w/o stand)	21,8 kg	17,8 kg
	Weight (with stand)	23,4 kg	19,9 kg
	Dimension Pedestal (W x D)	400 x 350 mm	TBD
	VESA Compatible	●	●
	VESA Dimension (W x H)	300 x 200 mm	300 x 200 mm
	Outer Boxed Unit (W x H x D)	1600 x 981 x 200 mm	1380 x 880 x 180 mm
	Total Boxed Weight	34 kg	25,9 kg
General	EAN Code	5025232998814	5025232998821



EPREL Reg. Numbers:

TN-65Z85CEZS	2658718
TN-55Z85CEZS	2658724

*1 Features and specifications are subject to change without prior notification. Internet connection is required with smart functions. To enable all function above, please update and use the latest software.

*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 TV is the name of this device's software experience and a trademark of Google LLC. Google and Google Cast are trademarks of Google LLC. Google Assistant is not available in certain languages and countries.

*4 Amazon, Alexa is not available in certain languages and countries. Requires internet connection. Subscriptions for services may be required. Amazon, Fire, Alexa and all related marks are trademarks of Amazon.com, Inc. or its affiliates.

*5 Apple, AirPlay, and HomeKit are trademarks of Apple Inc., registered in the U.S. and other countries and regions. The Works with Apple Home badge is a trademark of Apple Inc.

*6 File formats that are not supported by your Network Contents server (DLNA compatible server, etc.) cannot be played.

*7 ©2024 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, FreeSync, and combinations thereof are trademarks of Advanced Micro Devices, Inc.

*8 ©2021 NVIDIA, the NVIDIA logo, and NVIDIA G-SYNC are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries.

*9 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).

*10 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.

*11 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.

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

*13 This feature requires a USB hard drive or flash drive with a capacity of at least 160 GB. Broadcast from TV>IP cannot be recorded.

*14 Based on (EU) 2019/2021 transitional measurement method.

*15 Not all the accessories are listed here.

*16 Dimension with recommended pedestal style.

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

*18 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)

*19 48 Languages (English / German / French / Italian / Spanish / Portuguese / Dutch / Polish / Romanian / Greek / Czech / Hungarian / Swedish / Danish / Norwegian / Finnish / Slovak / Bulgarian / Croatian / Serbian / Slovenian / Albanian / Macedonian / Estonian / Latvian / Lithuanian / Russian / Ukrainian / Turkish / Arabic / Simplified Chinese / Traditional Chinese (Taiwan) / Japanese / Korean / Hindi / Thai / Vietnamese / Indonesian / Malay / Tamil / Mongolian / Burmese / Persian / Hebrew / Kazakh / Georgian / Uzbek / Amharic / Swahili / Bosnian)