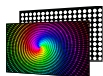




W97C SERIES



QD-MINI LED

Experience the magic of powerful sound, deep blacks and stunning contrast without reflection

FLAGSHIP 4K UHD QD-MINI LED TV

86" TN-86W97CE7S / 218cm
EAN 5025232997770

75" TN-75W97CE7S / 189cm
EAN 5025232997787

65" TN-65W97CE7S / 164cm
EAN 5025232997800

55" TN-55W97CE7S / 139cm
EAN 5025232997817

Our flagship W97C QD-Mini LED TV with Glare Free Ultra utilizes thousands of LED backlights to deliver high brightness and deep blacks with outstanding contrast while minimizing the mirror effect seen in other screens.

QD-Mini LED technology with Dynamic Local Dimming Ultra features thousands of LED backlights and deliver outstanding contrast and colours.

Glare Free Ultra: See intense blacks and whites in all their glory, no matter what's shining on your screen. Glare Free Ultra Technology reduces light reflections, so you can enjoy your favorite content without distracting mirror-effect.

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

Dynamic Theater Surround 360°: Enjoy immersive cinematic sound experience with powerful bass.

Game Mode Extreme: Epic speed, resolution and motion for every game, with HDMI 2.1, 144 Hz and VRR. With Game Control Board.

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-86W97CE7S	TN-75W97CE7S	TN-65W97CE7S	TN-55W97CE7S
Picture	Panel Technology	4K QD-Mini LED	4K QD-Mini LED	4K QD-Mini LED	4K QD-Mini LED
	Resolution (W x H)	4K Ultra HD / 3.840 x 2.166	4K Ultra HD / 3.840 x 2.165	4K Ultra HD / 3.840 x 2.164	4K Ultra HD / 3.840 x 2.163
	Panel Refresh Rate	144 Hz	144 Hz	144 Hz	144 Hz
	Smooth Motion Drive Pro	—	—	—	—
	Multi HDR Support*2	HDR10+ / HLG / Dolby Vision	HDR10+ / HLG / Dolby Vision	HDR10+ / HLG / Dolby Vision	HDR10+ / HLG / Dolby Vision
	Glare Free	Glare Free Ultra	Glare Free Ultra	Glare Free Ultra	Glare Free Ultra
	Dimming/Contrast	Dynamic Local Dimming Ultra / DLED	Dynamic Local Dimming Ultra / DLED	Dynamic Local Dimming Ultra / DLED	Dynamic Local Dimming Ultra / DLED
	Colour Space	Wide Colour Spectrum	Wide Colour Spectrum	Wide Colour Spectrum	Wide Colour Spectrum
	Dolby Vision IQ	—	—	—	—
	HDR10+ Adaptive	—	—	—	—
	Filmmaker Mode	●	●	●	●
Sound	Processor/Engine	AI 4K Colour Engine Ultra	AI 4K Colour Engine Ultra	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	Energy Saving / User / Standard / Sport / Vivid / Movie / Game	Energy Saving / User / Standard / Sport / Vivid / Movie / Game
	isf Mode	—	—	—	—
	Calman READY	—	—	—	—
	Dolby Atmos	●	●	●	●
	Surround	Dynamic Theater Surround 360	Dynamic Theater Surround 360	Dynamic Theater Surround 360	Dynamic Theater Surround 360
	Speaker Channel Configuration	4.1	4.1	4.1	4.1
	Speaker Output	80 W (Front: 15 W x Side: 15 W x2 + Woofer 20 W)	80 W (Front: 15 W x Side: 15 W x2 + Woofer 20 W)	80 W (Front: 15 W x Side: 15 W x2 + Woofer 20 W)	80 W (Front: 15 W x Side: 15 W x2 + Woofer 20 W)
	Auto AI for Sound	—	—	—	—
	Sound Mode	Standard / Vivid / News / Movie / Music / Sports / User	Standard / Vivid / News / Movie / Music / Sports / User	Standard / Vivid / News / Movie / Music / Sports / User	Standard / Vivid / News / Movie / Music / Sports / User
Smart Features*1	Smart TV	Google TV	Google TV	Google TV	Google TV
	Google Assistant*3 Built-in	● (Hands-free)	● (Hands-free)	● (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)	● (Client)	● (Client)
Connectivity	IP Home Control	—	—	—	—
	In-House TV Streaming (SATIP/DVB-IP)	—	—	—	—
	Mirroring / Cast	Mirroring / Chromecast	Mirroring / Chromecast	Mirroring / Chromecast	Mirroring / Chromecast
	Media Player	●*17	●*17	●*17	●*17
	Game Mode	● Game Mode Extreme w/ Game Control Board	● Game Mode Extreme w/ Game Control Board	● Game Mode Extreme w/ Game Control Board	● Game Mode Extreme w/ Game Control Board
	HDMI 2.1 VRR Support	● (Up to 144 Hz)	● (Up to 144 Hz)	● (Up to 144 Hz)	● (Up to 144 Hz)
	HDMI 2.1 HFR Support	●	●	●	●
	AMD FreeSync Premium*7	●	●	●	●
	G-Sync Compatible*8	—	—	—	—
	Wireless LAN Built-in*9	● Dual Band AC	● Dual Band AC	● Dual Band AC	● Dual Band AC
	Bluetooth*10	● HID / HOGP (Keyboard/Mouse) A2DP (Stereo Audio: Out)	● HID / HOGP (Keyboard/Mouse) A2DP (Stereo Audio: Out)	● 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	3	3
	HDCP	● (HDCP2.3)	● (HDCP2.3)	● (HDCP2.3)	● (HDCP2.3)
	HDMI Support Feature	HDMI2.1 Support Feature eARC (Enhanced Audio Return Channel) ALLM (Auto Low Latency Mode) VRR (Variable Refresh Rate) 4K HFR (High Frame Rate) AMD Freesync Premium	HDMI2.1 Support Feature eARC (Enhanced Audio Return Channel) ALLM (Auto Low Latency Mode) VRR (Variable Refresh Rate) 4K HFR (High Frame Rate) AMD Freesync Premium	HDMI2.1 Support Feature eARC (Enhanced Audio Return Channel) ALLM (Auto Low Latency Mode) VRR (Variable Refresh Rate) 4K HFR (High Frame Rate) AMD Freesync Premium	HDMI2.1 Support Feature eARC (Enhanced Audio Return Channel) ALLM (Auto Low Latency Mode) VRR (Variable Refresh Rate) 4K HFR (High Frame Rate) AMD Freesync Premium
	HDMI Signal Power Link	—	—	—	—
	USB	2	2	2	2
	Ethernet	1	1	1	1
	CI (Common Interface)	1 (CI Plus, Version 1.4, ECP)	1 (CI Plus, Version 1.4, ECP)	1 (CI Plus, Version 1.4, ECP)	1 (CI Plus, Version 1.4, ECP)
	Composite Video Input	1 mini plug	1 mini plug	1 mini plug	1 mini plug
	Component Video Input shared with Composite	—	—	—	—
	Digital Audio Output (Optical)	1	1	1	1
Broadcasting	Digital Audio Output (Coax)	—	—	—	—
	PC input (VGA) + PC Audio In	—	—	—	—
	Headphone Output	1	1	1	1
	Digital Tuner	DVB-T / T2 / DVB-S2 / DVB-C	DVB-T / T2 / DVB-S2 / DVB-C	DVB-T / T2 / DVB-S2 / DVB-C	DVB-T / T2 / DVB-S2 / DVB-C
	Analog Tuner	—	—	—	—
	Data Broadcasting	Hbb TV	Hbb TV	Hbb TV	Hbb TV
	USB-HDD Recording*13	● incl. Timeshift	● incl. Timeshift	● incl. Timeshift	● incl. Timeshift
	Multi Window	—	—	—	—
	HDMI CEC Control	●	●	●	●
	Voice Guidance	●	●	●	●
	EPG	●	●	●	●
Design	On Screen Display Menu Languages	48 Languages*19	48 Languages*19	48 Languages*19	48 Languages*19
	Twin Tuner	—	—	—	—
	Pedestal Shape	U Shape Central Pedestal	U Shape Central Pedestal	U Shape Central Pedestal	U Shape Central Pedestal
	Pedestal Material / Colour	Metal / Silver	Metal / Silver	Metal / Silver	Metal / Silver
Energy Data	Suppliers Trademark	Panasonic	Panasonic	Panasonic	Panasonic
	Model ID	TN-86W97CE6S	TN-75W97CE6S	TN-65W97CE6S	TN-55W97CE6S
	Energy Efficiency Class	SDR: F; HDR: G	SDR: E; HDR: G	SDR: F; HDR: G	SDR: F; HDR: G
	Visible Screen Size (diagonal)	217 cm / 86 inches	189 cm / 75 inches	164 cm / 65 inches	139 cm / 55 inches
	On mode Average Power Consumption*14	SDR: 155 kWh/1000h HDR: 302 kWh/1000h	SDR: 107 kWh/1000h HDR: 250 kWh/1000h	SDR: 102 kWh/1000h HDR: 200 kWh/1000h	SDR: 77 kWh/1000h HDR: 153 kWh/1000h
	Standby Power Consumption	0.5 W	0.5 W	0.5 W	0.5 W
	Off mode Power Consumption	—	—	—	—
	Screen Resolution	3.840 x 2.160	3.840 x 2.160	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	AC 100 – 240 V, 50/60 Hz	AC 100 – 240 V, 50/60 Hz
	Rated Power Consumption	TBD	TBD	TBD	TBD
	Ambient Sensor (CATS)	●	●	●	●
General	Eprel Reg. Number	2658773	2658775	2658776	2658778
	Included Accessory*15	Voice TV Remote (2x AAA Batteries)	Voice TV Remote (2x AAA Batteries)	Voice TV Remote (2x AAA Batteries)	Voice TV Remote (2x AAA Batteries)
	Dimensions (W x H x D) (w/o stand)	1925 x 1109 x 97 mm	1675 x 974 x 87 mm	1453 x 845 x 88 mm	1233 x 722 x 87 mm
	Dimensions (W x H x D) (with stand)*16	1925 x 1163 x 399 mm	1675 x 1020 x 365 mm	1453 x 889 x 303 mm	1233 x 762 x 261 mm
	Weight (w/o stand)	50.7 kg	34.1 kg	24.2 kg	16.2 kg
	Weight (with stand)	51.5 kg	34.9 kg	24.6 kg	16.6 kg
	Dimension Pedestal (W x D)	TBD	TBD	TBD	TBD
	VESA Compatible	●	●	●	●
	VESA Dimension (W x H)	600 x 400 mm	400 x 300 mm	400 x 200 mm	300 x 200 mm
	Outer Boxed Unit (W x H x D)	2050 x 1290 x 230 mm	1790 x 1164 x 203 mm	1600 x 955 x 185 mm	1335 x 835 x 151 mm
	Total Boxed Weight	62.7 kg	44.3 kg	30.4 kg	21.7 kg
	EAN Code	5025232997862	5025232997879	5025232997886	5025232997893

W97C
SERIES

Panasonic



EPREL Reg. Numbers:

TN-86W97CE7S	2658769
TN-75W97CE7S	2658770
TN-65W97CE7S	2658771
TN-55W97CE7S	2658772

*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)