Picture Quality	Display	Panel	4K ULTRA HD OLED
		Bright Panel	Ultra Bright Panel
		Screen Resolution	3,840 (W) x 2,160 (H)
		Panel Drive	OLED Superb Motion Drive
		Picture Mode	Dynamic/Normal/Cinema/True Cinema/THX 4K (Cinema/Bright Room)/Custom/Professional Photo/Professional1/Professional2 (isfccc)/DolbyVision (Vivid/Bright/Dark)/Game/Netflix Calibrated
		Signal Processor	HCX Pro Intelligent Processor
		Hexa Chroma Drive	Hexa Chroma Drive PRO
		4K Upscaling	Y
		Ultra HD Premium*1	Y
		Multi HDR Support*2	HDR10+/HDR10/HLG/DolbyVision/HLG Photo*3
		HDR Brightness Enhancer	Y
		Dynamic HDR Effect	Y
		Pixel Dimming	Y

		Local Dimming	—
		Backlight Dimming	—
		THX Certified Display*4	Y
		4K Pure Direct	Y
		isf Mode	Y
	Sound Quality	Dolby Atmos	Y
		Surround	Cinema Surround Pro
		Speakers	Squaker + Woofer, Passive Radiator
		Speaker Output	50 W (10 W x 2 + 15 W x 2)
		Sound Mode	Standard/Music/Speech/Stadium/User
Smart Features	Smart TV		my Home Screen4.0
	Voice Guidance		Y
	Voice Personal Assistant		Works with Google Assistant, Works with Alexa
	EPG		SI, 7 days

	On Screen Display Menu Languages		10 Languages*5
	Wireless LAN Built-in		Y
	Panasonic Media Center (App)	Panasonic Media Center (App)	Y
		TV Anytime*7	Y
	Panasonic TV Remote Apps	Panasonic TV Remote Apps	Y
		Swipe & Share	Y
		Smart Calibration	Y
	Internet Apps	Internet Apps	Y
		Web Browser*8	Y
	Media Player	Media Player	Y (2.0 *11)
		Support Format	AVI/HEVC/MKV/WMV/MP4/M4v/FLV/3GPP/VRO/VOB/TS/PS/RMVB, MP3/AAC/WMA Pro/FLAC/Apple Lossless/WAV, JPEG/HLG-Photo
	USB-HDD Recording		Y
	Hbb TV		Y
	Mirroring		Y (Easy Mirroring)

	Home Network*9	Y (Server / Client)
	Bluetooth*10	Y (Keyboard/Mouse/Audio Device)
	Bluetooth Audio Link	Y
	Double USB Sharing	Y
	Teletext Reception	2000P
	Multi Window	PAT
	Hotel Mode	Y
	VIERA Link	Y
Energy Data	Visible Screen Size (diagonal)	164 cm
	Rated Power Consumption	461W
	Standby Power Consumption	0.50W
	Power Supply	AC Auto 110 - 240 V, 50/60 Hz
	Ambient Sensor	Y
Design	Switch Design	—

Terminal	Digital Tuner Reception		DVB-T/T2 (MPEG2, H.264/AVC,H265) Multi-channel Audio*12
	Analogue Tuner		7-System
	HDMI	HDMI*13	2 (side), 2 (rear)
		HDMI (4K 60/50p with HDCP2.2)	4
		Support Feature	Audio Return Channel (Input 2)
	USB		3 (1 side, 2 rear; USB 3.0 x 1, USB 2.0 x 2)
	LAN Port (Ethernet)		1
	SD Card		—
	Component Video Input shared with Composite		RCA phono type x 1 (rear)
	Composite Video Input		RCA phono type x 1 (rear)
	Digital Audio Output (Optical)		1 (rear)
	Analogue Audio Output		—
	Headphone Output		1 (side; switchable to Subwoofer)
General		Included Accessory*14	TV Remote

	Dimensions (W x H x D) (w/o stand)	1,449 x 837 x 62 mm
	Dimensions (W x H x D) (with stand)*15	1,449 x 907 x 310 mm
	Weight (w/o stand)	28.0 kg
	Weight (with stand)	34.5 kg
	VESA Compatible	Y
NOTE		*1 Ultra HD PremiumTM logo is a trademark of the UHD Alliance, Inc. *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 Supporting HSP standardized by CTA-2072 (HDR Still Photo Interface) *4 THX and the THX logo are trademarks of THX Ltd. which are registered in some jurisdictions. The THX 3D logo is a trademark of THX Ltd. All rights reserved. *5 10 Languages (English/Chinese (Simplified)/Arabic/Persian/French/Thai/Vietnamese/Indonesia/Hindi/Burmese) *6 6 Languages (English/Chinese (Simplified)/Thai/Hindi/Indonesia/Burmese) *7 Due to network conditions or certain broadcaster restrictions, this function may not be available. *8 The Web Browser cannot display some web pages correctly. And viewable contents by VIERA 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. *9 File formats that are not supported by your Network Contents server (DLNA compatible server, etc.) cannot be played.

	*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 To playback HDR, a HDR source is required (H.264 or H.265(ST2084 or HLG format). *12 Additional DVB-T2 IRD requirements for supporting Multi-channel audio is mentioned in Part B (page 32) in 2nd Generation Digital Terrestrial Television Broad Casting system (DVB-TS) Technical Specification Document. *13 The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and other countries. *14 Not all the accessories are listed here. *15 Dimension with recommended pedestal style.