



Smart TV

4K TV

4K UHD LED LCD TV TX-40GX820E

Display	Panel	4K ULTRA HD / HDR Bright Panel Plus
	Screen Resolution	3,840 (W) x 2,160 (H)
	Panel Drive	4K 1800 Hz BMR IFC
	Picture Mode	Dynamic/Normal/Cinema/True Cinema/Custom/Sport/Game/DolbyVision (Vivid/Bright/Dark)
	Ultra HD Premium*1	—
	Muti HDR Support*2	HDR10+/HDR10/HLG/DolbyVision/HLG Photo*15
	HDR Brightness Enhancer	Y
	Dynamic HDR Effect	Y
	Contrast	Brilliant Contrast
	Colour Space	Wide Colour Spectrum
	HCX Processor	Y
	Local Dimming	Y
	Adaptive Backlight Dimming	—
	THX Certified Display*3	—
	isf Mode	—
Sound Quality	Dolby Atmos	Y
	Surround	Cinema Surround Pro
	Speaker Output	20 W (10 W x 2)

		Sound Mode	Standard/Music/Speech/Stadium/User
Smart Features	Smart TV		my Home Screen4.0
	EPG		Y
	Voice Personal Assistant		Y (TBD)
	On Screen Display Menu Languages		27 Languages*16
	Voice Guidance		Y
	Digital TV		DVB-T/T2/DVB-S2/DVB-C
	Twin Tuner		—
	Wireless LAN Built-in		Y
	Panasonic TV Remote Apps	Panasonic TV Remote Apps	Y
		Swipe & Share	Y
	TV Anywhere*4		Y
	In-House TV Streaming (DVB-IP)		Y (Client)
	Media Player	Media Player	Y (2.0)*17
		Support Format	AVI/HEVC/MKV/WMV/MP4/M4v/FLV/3GPP/VRO/VOB/TS/PS, MP3/AAC/WMA Pro/FLAC/Apple Lossless/WAV, JPEG/HLG Photo
	Web Browser*5		Y
	Mirroring		Y(Easy Mirroring)
	Teletext Reception		1500P
	Home Network*6		Y (Server / Client)
	Multi Window		1T PAP/PIP/PAT
	Bluetooth*7		Y/HID / HOGP (Keyboard/Mouse)/A2DP (Audio In/Out)
	HDAVI Control		Y
	Bluetooth Audio Link*8		Y
	IP Home Control		Y (TBD)
	Data Broadcasting		Hbb TV

	USB-HDD Recording *9		Y (w/ Rewind live TV)
Energy Data	Suppliers Trademark		Panasonic
	Model ID		TX-40GX820E
	Visible Screen Size (diagonal)		100 cm / 40 inches
	Screen Resolution		3,840 (W) x 2,160 (H)
	Power Supply		AC 220 - 240 V, 50/60 Hz
	Ambient Sensor (CATS)		Y
Terminal	Digital Tuner Reception		DVB-T/T2/DVB-S2/DVB-C
	Analogue Tuner		Y
	HDMI	HDMI (4K 60/50p with HDCP2.2)	3
		Support Feature	Audio Return Channel (Input 2)
		Support Feature	HDMI2.1 Auto low ratency mode
		HDMI*12	2 (side), 1 (rear)
	USB		2 (1 side, 1 rear; USB 3.0 x 1, USB 2.0 x 2)
	CI (Common Interface)		1 (CI Plus, Version 1.4, ECP)
	Scart Connector		—
	Component Video Input shared with Composite		RCA phono type x 1 (rear)
	Digital Audio Output (Optical)		1 (rear)
GENERAL	Headphone Output		1 (side)
	Ethernet		1
	VESA Compatible	Y	
		Included	TV Remote

	Accessory*13	
NOTE		*1 Ultra HD Premium™ logo is a trademark of the UHD Alliance, Inc.
NOTE		*2 All models: Supporting HDR does not increase the peak brightness capabilities of the TV panel.
NOTE		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.
NOTE		*3 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.
NOTE		*4 Due to network conditions or certain broadcaster restrictions, this function may not be available.
NOTE		*5 The Web Browser cannot display some web pages correctly. And viewable contents by the Web Browser are subject to the following conditions;
NOTE		- viewable contents may vary depend on models,
NOTE		- viewable contents may differ from those for PC,
NOTE		- viewable contents may be limited.
NOTE		*6 File formats that are not supported by your Network Contents server (DLNA compatible server, etc.) cannot be played.
NOTE		*7 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.
NOTE		*8 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.
NOTE		*9 This feature requires a USB hard drive or flash drive with a capacity of at least 160 GB.
NOTE		*10 Based on IEC 62087 Ed.2 measurement method.
NOTE		*11 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.
NOTE		*12 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.
NOTE		*13 Not all the accessories are listed here.
NOTE		*14 Dimension with recommended pedestal style.
NOTE		*15 Supporting HSP standardized by CTA-2072 (HDR Still Photo Interface)

NOTE	*16 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)
NOTE	*17 To playback HDR, a HDR source is required (H.264 or H.265(ST2084 or HLG format)).

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