



Product	Manufacturer Model	85U80G	
Image display	Screen size (rounded to nearest integer)	cm	215
	Screen size (rounded to nearest integer)	inch	85
	Display technology		LCD/LED
	Backlight source		Full array LED
	Resolution (Horiz x Vert)	pixel	7680 x 4320
	Colour depth	bit	8bit+FRC
	Smooth motion rate		200
	Viewing Angle (Horiz / Vert)	Degrees	178/ 178
	Quantum dot		Yes
	Wide colour gamut		Yes
	Image processing	Backlight control	
Dynamic backlight control			Yes
Frame rate control			Yes
Variable Refresh Rate (VRR)			Yes
Auto Low Latency Mode for VRR			Yes
Full Array Local Dimming Pro			Yes
Zoom function settings			Automatic/ 16:9/ 4:3/ Panoramic/ Movie Zoom/ Direct
HDR - High Dynamic Range for luminance (DMP / Netflix / HDMI)			Yes / Yes / Yes
HDR system			HDR10 with HLG / Dolby Vision
HEVC (H.265) decoder			Yes
Motion enhancement and compensation (MEMC)			Yes
Hardware	Processor		Quad Core
	Colour (Front bezel, rear, stand)		Grey / Black / Black
	Supply range [Voltage / Frequency]	Volt / Hz	100 ~ 240V / 50, 60Hz
	Standby consumption	Watt	< 0.5W
Inputs	HDMI inputs		4
	HDMI type 8K@ 60Hz		HDMI3, HDMI4
	HDMI type 4K@ 60Hz with HDCP version 2.2		HDMI 1, HDMI 2, HDMI3, HDMI4
	HDMI 2.1 compliant input		HDMI3,HDMI4
	Enhanced Audio Return Channel (eARC)		HDMI 3
	CEC- Consumer Electronics Control via HDMI		Yes
	RF- Radio frequency input		1
	AV input		1
	USB interface type 3.0 (Qty / List...)		1 / USB 1
	USB interface type 2.0 (Qty / List ...)		1 / USB2
Optical digital audio output (SPDIF)		1	
Earphone jack		1	
Smart TV	Smart TV operating system		Android TV
	Ethernet port (RJ45 connector)		1
	Wi- Fi protocols IEEE 802.11 {b, g, n, ac, ad, ..}		a, b, g, n, ac
	Wi- Fi bands	GHz	2.4 / 5
	DLNA compliance		Yes
	Bluetooth / BT version		Yes / 5.0
	Anyview (Screen mirroring)		Yes
	Streaming Video On Demand		Yes
	UHD (4k) streaming		Yes
	Works with Alexa		Yes
	Alexa built-in		Yes
	Chromecast built-in		Yes
Freeview Plus		Yes	
Web Browser		Yes	

Digital TV	Television system (DVB- T / DVB- T2)		Yes / Yes
	Video decoder (MPEG2 / MPEG 4)		Yes / Yes
	AC3 Surround sound decoder		Yes
	AS 4599.1 compliance		Yes
	AS 4933.1 compliance		Yes
	LCN- Logical channel number and DTV Service name support		Yes
	Teletext / Teletext signal interruption (TAB compliant) / 16 : 9 TLTX		Yes / Yes / 4:3
	Subtitles		Yes
	RF Signal strength indicator		Yes
	RF Signal quality indicator		Yes
	RF Bit error rate indicator		Yes
	EPG- Electronic programming guide, 7 days for all services		Yes
	Audio description (vision impairment aid)		Yes
	Parental rating lock		Yes
	On/off timer		Yes
	Power off if no signal		Yes
	Sleep timer		Yes
	Program lock		Yes
	Favourite channels list		Yes
	OTA- Over the air software updates		Yes
USB media player	Personal Video Recorder		Yes
	Time Shift		Yes
	DTV Recording (EPG scheduling / start from Standby)		Yes / Yes
	DivX decoder		No
	MPEG4 (H.264) / H.265 decoder		Yes / Yes
	DMP- Digital media player content (Music / Video / Photos / Text)		Yes / Yes / Yes / No
	DMP Auto- play		Yes
	DMP for UHD content via USB		Yes
Supported File Formats		FAT / FAT32 / NTFS	
Sound	Audio power output per channel	Watt	15
	Number of speakers (Tweeter / Midrange / Woofer)		2 / 4 / 1
	Automatic volume level (AVL)		Yes
	Audio equalizer		Yes
	Dolby Digital		Yes
	Audio enhancement - Type		Dolby Atmos, DTS Virtual X
Lip- sync adjustment		Yes	
Installation	Stand area (Width / Depth)	mm	1704x427
	VESA Wall mount dimensions (Horiz x Vert)	mm	800/400
	Wall mount, screw thread	mm	M8/24
	Detachable power cord		Yes
	Power cord length	cm	200
Installation	Stand area (Width / Depth)	mm	1704x427
	Wall mount dimensions (Horiz x Vert)	mm	800/400
	Wall mount, screw thread	mm	M8/24
	VESA compliance		Yes
	Detachable power cord		Yes
	Power cord length	cm	200
Accessories	Remote controller (Technology / Part number)		BT / ERF6164H
	Battery (size / quantity)		AAA / 2
	Quick Setup Guide		Yes
	Warranty Sheet		Yes
Dimensions	Dimensions with stand (W x H x D)	mm	1900x1165x427
	Dimensions without stand (W x H x D)	mm	1900x1094x84
	Carton box dimensions (W x H x D)	mm	2121x1277x322
	Net weight (with stand / without stand)	kg	51.3 kg / 50 kg
	Gross weight	kg	70 kg