



**Product**

Manufacturer Model **85U7G**

**Image display**

Screen size (rounded to nearest integer)	cm	215
Screen size (rounded to nearest integer)	inch	85
Display technology		LCD/ LED
Backlight source		Direct LED
Resolution (Horiz x Vert)	pixel	3840 x 2160
Colour depth	bit	8bit+FRC
Smooth motion rate		100
Viewing Angle (Horiz / Vert)	Degrees	178/ 178
Quantum dot		Yes
Wide colour gamut		Yes

**Image processing**

Backlight control		Yes
Variable Refresh Rate (VRR)		Yes
Auto Low Latency Mode (ALLM)		Yes
Full Array Local Dimming		Yes
Zoom function settings ( 4:3 / 16:9 / Auto / Zoom 1 / Zoom 2)		Automatic/ 16:9/ 4:3/ Panoramic/ Movie Zoom/ Direct
HDR - High Dynamic Range for luminance (DMP / Netflix / HDMI)		Yes / Yes / Yes
HDR system		Dolby Vision / HDR10 with HLG
HEVC (H.265) decoder		Yes
Motion enhancement and compensation (MEMC)		Yes

**Hardware**

Processor		Quad core
Colour (Front bezel, rear, stand)		Grey / Black / Grey
Speakers mounted in enclosure		Yes
Supply range [Voltage / Frequency ]	Volt / Hz	100 ~ 240V / 50, 60Hz
Standby consumption	Watt	< 0.5W

**Inputs**

HDMI inputs		4
HDMI type 4K@60Hz with HDCP version 2.2		HDMI 1, HDMI 2, HDMI3, HDMI4
HDMI type 1.4 with HDCP version 1.4		HDMI 1, HDMI 2, HDMI3, HDMI4
HDMI 2.1 compliance		Partial compliance. Supported HDMI 2.1 features: VRR, ALLM, eARC and QMS
eARC -Audio Return Channel		HDMI 2
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/ USB 2
Optical digital audio output (SPDIF)		1
Earphone jack		1

**Smart TV**

Smart TV operating system		VIDAA U5
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
Voice command		Bluetooth Voice Remote: Alexa & Google Assistant; Far Field: Alexa
Alexa built-in		Yes
Google Assistant built-in		Yes
Freeview Plus		Yes
Web browser		Yes
Smartphone remote control application		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
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 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 / 2 / 0
Automatic volume level (AVL)		Yes
Audio equalizer		Yes
Dolby Digital		Yes
Audio enhancement -Type		Dolby Atmos
Lip-sync adjustment		Yes

## Hotel lock

Protected Hotel lock submenu (Password / fixed code)	No / Yes
Clone function for programs, sound and image settings.	Yes
Sub-menu lock, including tuning lock	Yes
Keyboard lock	Yes
Maximum volume lock	Yes
Power on volume	Yes
Power on, apply default sound/image settings	No
Power on source selection	Yes
Power on RF channel selection	Yes
Power on mode (On / Standby / Last)	Yes / Yes / Yes
Inputs access (Enable / Disable)	Yes

## Installation

Stand area (Width / Depth)	mm	Adjustable: 1668×415 or 870×415
VESA Wall mount dimensions (Horiz x Vert)	mm	800×400
Wall mount, screw thread	mm	M8/25
Detachable power cord		Yes
Power cord length	cm	200

## Accessories

Remote controller (Technology / Part number )	BT / ERF3G80H
Battery (size / quantity)	AAA / 2
User manual (Available online) / Quick setup guide (Print)	1 / 1
Warranty [In User manual   In separate sheet]	In separate sheet

## Dimensions

Dimensions with stand (W x H x D)	mm	1900×1190×416
Dimensions without stand (W x H x D)	mm	1900×1097×84
Carton box dimensions (W x H x D)	mm	2121×322×1277
Net weight (with stand / without stand)	kg	51.3 kg /50.5 kg
Gross weight	kg	70 kg