



**Product
Image display**

Manufacturer Model 85U7HAU

Screen size (rounded to nearest integer)	cm	214.78
Screen size (rounded to nearest integer)	inch	84.56
Display technology		LCD/ LED
Backlight source		Direct LED
Resolution (Horiz x Vert)	pixel	3840X2160
Colour depth	bit	8bit+FRC
Smooth motion rate		200
Native contrast ratio		4000 : 1
Viewing Angle (Horiz / Vert)	Degrees	178/ 178
Quantum dot		Yes
Wide colour gamut		Yes

**Image
processing**

Backlight control	Yes
Light sensing	Yes
Variable Refresh Rate (VRR)	Yes
FreeSync	Yes
Auto Low Latency Mode for VRR	Yes
Full Array Local Dimming Pro	Yes
Zoom function settings	Automatic/ 16:9/ 4:3/Movie Zoom
HDR - High Dynamic Range for luminance (DMP / Netflix / HDMI)	Yes/ YES / YES
HDR system (HDR10 / HDR10+ / Dolby Vision)	Yes/ YES / YES
HLG (Hybrid Log-Gamma) for HDR	Yes
HEVC (H.265) decoder	Yes
Motion enhancement and compensation (MEMC)	Yes

Hardware

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

Inputs

HDMI inputs	4
HDMI type 4K@60Hz with HDCP version 2.2	Yes
HDMI 2.1 compliant input (4K@120Hz)	Yes / HDMI 3 & 4
Enhanced Audio Return Channel (eARC)	Yes / HDMI 3
CEC- Consumer Electronics Control via HDMI	Yes
RF- Radio frequency input	1
AV input	1
AV output	0
USB interface type 3.0 (Qty / List...)	1/ USB1
USB interface type 2.0 (Qty / List ...)	1/ USB2
Optical digital audio output (SPDIF)	1
Earphone jack	1

Smart TV

Smart TV operating system	VIDAA U6
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 2.4/5.0
DLNA compliance	Yes
Bluetooth / BT version	Yes / 5.0
Anyview (Screen mirroring)	Yes
Streaming Video On Demand	Yes
UHD (4k) streaming	Yes
Freeview Plus	Yes
Web browser	Yes
Smartphone remote control application	Yes
Voice command	Yes

**Specifications subject to change at any time.*

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 / Yes
	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
Sound	Audio power output per channel	Watt	15
	Number of speakers (Tweeter / Midrange / Woofer)		0 / 2 / 1
	Automatic volume level (AVL)		Yes
	Audio equalizer		Yes
	Dolby Digital		Yes
	Audio enhancement -Type {SRS, BBE, SAP, DBX-TV...}		Dolby ATMOS
	Lip-sync adjustment		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	
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	1401×453
	VESA Wall mount dimensions (Horiz x Vert)	mm	600×400
	Wall mount, screw thread	mm	M8/10
	Detachable power cord		Yes
	Power cord length	cm	200
Accessories	Remote controller (Technology / Part number)		BT/ERF3H86H
	Battery (size / quantity)		AA / 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	1903×1169×453
	Dimensions without stand (W x H x D)	mm	1903×1088×80
	Carton box dimensions (W x H x D)	mm	2093×269×1277
	Net weight (with stand / without stand)	kg	43.7Kg/42.5Kg
	Gross weight	kg	60.7 Kg