



Product	Manufacturer Model	55U7HNZ	
Image display	Screen size (rounded to nearest integer)	cm	139
	Screen size (rounded to nearest integer)	inch	55
	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		1200 : 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
	Fully Array Local Dimming		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
	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
	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

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 10
	Number of speakers (Tweeter / Midrange / Woofer)	0 / 2 / 0
	Automatic volume level (AVL)	Yes
	Audio equalizer	Yes
	Dolby Digital	Yes
	Audio enhancement -Type	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 833×267
	VESA Wall mount dimensions (Horiz x Vert)	mm 300×200
	Wall mount, screw thread	mm M6/10
	Detachable power cord	Yes
	Power cord length	cm 155
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 1230×772×267
	Dimensions without stand (W x H x D)	mm 1230×711×78
	Carton box dimensions (W x H x D)	mm 1362×145×831mm
	Net weight (with stand / without stand)	kg 14.4kg / 14.0 kg
	Gross weight	kg 19.2kg