



Product

Manufacturer Model **50A7HNZ**

Image display

Screen size (rounded to nearest integer)	cm	126
Screen size (rounded to nearest integer)	inch	50
Display technology		LCD/ LED
Backlight source		Direct LED
Resolution (Horiz x Vert)	pixel	3840X2160
Colour depth	bit	8bit+FRC
Smooth motion rate		100
Native contrast ratio		4000 : 1
Viewing Angle (Horiz / Vert)	Degrees	178/ 178
Wide colour gamut		Yes

Image processing

Backlight control		Yes
Dynamic backlight control		Yes
Frame rate control		Yes
Variable Refresh Rate (VRR)		Yes (48-60Hz)
Auto Low Latency Mode for VRR		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 / 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)		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		3
HDMI type 4K@60Hz with HDCP version 2.2		Yes
Enhanced Audio Return Channel (eARC)		HDMI 2
CEC- Consumer Electronics Control via HDMI		HDMI 1,HDMI 2,HDMI 3
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
	Wi-Fi 6		No
	DLNA compliance		Yes
	Bluetooth / BT version		Yes / 5.0
	Anyview (Screen mirroring)		Yes
	UHD (4k) streaming		Yes
	Streaming Video On Demand		Yes
	Voice command		Bluetooth Voice Remote : Alexa & Google Assistant
	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
	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
	Electronic point of sales (E-POS)		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	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
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)		No	
Installation	Stand area (Width / Depth)	mm	700×306
	VESA Wall mount dimensions (Horiz x Vert)	mm	300/200
	Wall mount, screw thread	mm	M6
	Detachable power cord		Yes
	Power cord length	cm	155

Accessories

Remote controller (Technology / Part number)	BT / ERF3G80H or ERF2E36H
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	1117×710×306
Dimensions without stand (W x H x D)	mm	1117×647×77
Carton box dimensions (W x H x D)	mm	1231×139×781
Net weight (with stand / without stand)	kg	10.8 kg / 10.5 kg
Gross weight	kg	14.5 kg