Samsung U8000H Crystal UHD 4K, 127 cm (50"), 3840 x 2160 pixels, LED, Smart TV, Wi-Fi, Black

50 "



Group	LCD TVs
Manufacturer	Samsung
Manufacturer item no.	UE50U8072HUXXH
EAN/UPC	8806097978244

Description

Samsung U8000H Crystal UHD 4K. Display diagonal: 127 cm (50"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, Screen shape: Flat. Smart TV. Motion interpolation technology: Motion Xcelerator, Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-T2, DVB-S2. Wi-Fi, Ethernet LAN. Product colour: Black

Main features

	General
Display diagonal	127 cm (50")
Display resolution	3840 x 2160 pixels
HD type	4K Ultra HD
Display technology	LED
Screen shape	Flat
Smart TV	Yes
Motion interpolation technology	Motion Xcelerator
Native aspect ratio	16:9
Digital signal format system	DVB-C, DVB-T2, DVB-S2
Wi-Fi	Yes
Ethernet LAN	Yes
Product colour	Black

Extended details

	Display
Display diagonal	127 cm (50")
HD type	4K Ultra HD
Display resolution	3840 x 2160 pixels
Display technology	LED
Screen shape	Flat

Native aspect ratio	16:9
Motion interpolation technology	Motion Xcelerator
Native refresh rate	50 Hz
Dynamic contrast ratio marketing name	Mega Contrast
Display diagonal (metric)	125 cm
	Smart TV
Smart TV	Yes
Internet TV	Yes
Operating system installed	Tizen
Hybrid Broadcast Broadband TV (HbbTV)	Yes
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.4
Universal guide	Yes
	Network
Wi-Fi	Yes
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Bluetooth	Yes
Bluetooth version	5.3
Ethernet LAN	Yes
Web browser	Yes
	Design
Product colour	Black
VESA mounting	Yes
Panel mounting interface	200 x 200 mm
Bezel type	3 Bezel-less
Stand type	Legs stand
Stand colour	Grey
	Ports & interfaces
HDMI ports quantity	3
Ethernet LAN (RJ-45) ports	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1
RF ports quantity	1
Common interface (CI)	Yes
Common interface Plus (CI+)	Yes
Common interface Plus (CI+) version	1.4

Consumer Electronics Control (CEC)	Anynet+
	Performance
High Dynamic Range (HDR) supported	Yes
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Filmmaker Mode
Eco sensor	Yes
AI Upscale	Yes
TV key support	Yes
Backlight dimming technology	UHD Dimming
Picture processing technology	Crystal Processor 4K, Samsung Contrast Enhancer
Game features	Variable Refresh Rate (VRR), HGiG, Gaming Hub
	Power
Power consumption (typical)	65 W
Power consumption (standby)	0.5 W
Power consumption (max)	120 W
Energy efficiency class (SDR)	F
Energy efficiency class (HDR)	G
Energy consumption (SDR) per 1000 hours	65 kWh
Energy consumption (HDR) per 1000 hours	114 kWh
AC input voltage	220 - 240 V
AC input frequency	50/60 Hz
Energy efficiency scale	A to G
	Management features
Electronic Programme Guide (EPG)	Yes
On Screen Display (OSD)	Yes
Number of OSD languages	27
Auto power off	Yes
Works with Amazon Alexa	Yes
Works with the Google Assistant	Yes
Works with Samsung Bixby	Yes
	Audio
Number of speakers	2
RMS rated power	20 W
Audio output channels	2.0 channels
Adaptive sound	Yes

Q-Symphony	Yes
Enhanced Audio Return Channel (eARC)	Yes
	Weight & dimensions
Width (with stand)	1110.8 mm
Depth (with stand)	199 mm
Height (with stand)	696 mm
Weight (with stand)	8.7 kg
Width (without stand)	1110.8 mm
Depth (without stand)	76.4 mm
Height (without stand)	643.8 mm
Weight (without stand)	8.4 kg
Stand width	74.7 cm
Stand depth	19.9 cm
	TV tuner
Tuner type	Analog & digital
Digital signal format system	DVB-C, DVB-T2, DVB-S2
	Brand-specific features
Samsung technologies (AV/TV)	4K Upscaling, Samsung TV Plus, Built-in SmartThings Hub, Samsung Health
	Other features
Google applications	Google Cast
	Packaging data
Package width	1228 mm
Package depth	127 mm
Package height	743 mm
Package weight	11.7 kg