

Samsung UE50U8000FU 127 cm (50") 4K Ultra HD Smart TV Wi-Fi Black

Brand : Samsung

Product code: UE50U8000FUXZT

Product name : UE50U8000FU



Samsung UE50U8000FU. 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-S2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black

Display		Performance	
Display diagonal *	127 cm (50")	ConnectShare (HDD)	✓
HD type *	4K Ultra HD	ConnectShare (USB)	✓
Display technology *	LED	Ports & interfaces	
LED backlight	✓	Audio Return Channel (ARC)	✓
Screen shape *	Flat	PC in (D-Sub) *	✗
Native aspect ratio *	16:9	Ethernet LAN (RJ-45) ports	1
Motion interpolation technology *	Motion Xcelerator	USB 2.0 ports quantity *	1
Native refresh rate	50 Hz	Digital audio optical out	1
Display resolution *	3840 x 2160 pixels	RF ports quantity	3
Display diagonal (metric)	125 cm	Common interface (CI) *	✓
TV tuner		Common interface Plus (CI+) *	✓
Tuner type *	Analog & digital	Common interface Plus (CI+) version	1.4
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	HDMI ports quantity *	3
Auto channel search	✓	Consumer Electronics Control (CEC)	Anynet+
Smart TV		Management features	
Smart TV *	✓	Voice control	✓
Internet TV *	✓	Voice guide	✓
Operating system installed *	Tizen	Electronic Programme Guide (EPG)	✓
Apple AirPlay 2 support	✓	ECO mode	✓
Sound mirroring	✓	Auto power off	✓
Hybrid Broadcast Broadband TV (HbbTV)	✓	Works with Amazon Alexa	✓
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.4	Works with the Google Assistant	✓
Smart modes	Filmmaker	Works with Samsung Bixby	✓
Video apps	Samsung TV Plus	Universal Browse & Play	✓
Audio		Power	
RMS rated power *	20 W	Power consumption (typical) *	69 W
Audio output channels	2.0 channels	Power consumption (standby) *	0.5 W
Audio pre-selection descriptor	✓	Power consumption (max)	120 W
Adaptive sound	✓	Energy efficiency class (SDR) *	G
Enhanced Audio Return Channel (eARC)	✓	Energy efficiency class (HDR) *	G
Network		Energy consumption (SDR) per 1000 hours *	69 kWh
Wi-Fi *	✓	Energy consumption (HDR) per 1000 hours *	112 kWh
Wi-Fi standards	Wi-Fi 5 (802.11ac)	AC input voltage	220 - 240 V
Bluetooth *	✓	AC input frequency	50/60 Hz
Bluetooth version	5.3	Energy saving mode	✓
Ethernet LAN *	✓	Energy efficiency scale	A to G
Bluetooth Low Energy (BLE)	✓		

Network		Brand-specific features	
Web browser	✓	Samsung technologies (AV/TV)	4K Upscaling, Bluetooth Dual Audio, Built-in SmartThings Hub, Crystal Processor 4K, MetalStream Design, Micro Dimming, Motion Xcelerator, Object Tracking Sound Lite, Q-Symphony, Samsung Health, Samsung Knox Security
Design			
Product colour *	Black		
VESA mounting *	✓		
Panel mounting interface	200 x 200 mm		
Housing material	Metal	Weight & dimensions	
Frameless design	✓	Width (with stand)	1110.8 mm
Bezel type	3 Bezel-less	Depth (with stand)	199 mm
Stand type	Legs stand	Height (with stand)	695.1 mm
Stand colour	Black	Weight (with stand)	8.6 kg
Performance		Width (without stand)	1110.8 mm
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)	Depth (without stand)	76.4 mm
Game mode	✓	Height (without stand)	643.8 mm
Eco sensor	✓	Weight (without stand)	8.3 kg
AI Upscale	✓	Stand width	74.7 cm
TV key support	✓	Stand depth	19.9 cm
Backlight dimming technology	UHD Dimming	Packaging data	
Picture processing technology	Crystal Processor 4K, Samsung Mega Contrast	Package width	1228 mm
High Dynamic Range (HDR) supported *	✓	Package depth	127 mm
Game features	Auto Low Latency Mode (ALLM), Gaming Hub, HGiG, Variable Refresh Rate (VRR)	Package height	743 mm
SmartThings app support	✓	Package weight	12 kg
Tap view	✓	Package type	Box
TV sound to mobile device	✓	Packaging content	
		Desktop stand	✓
		Cables included	AC
		Remote control included	✓
		Remote control type	TM1240A
		Manual languages	Multi



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