

## Samsung Series 8 UE50CU8070U 127 cm (50") 4K Ultra HD Smart TV Wi-Fi Black

**Brand :** Samsung

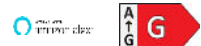
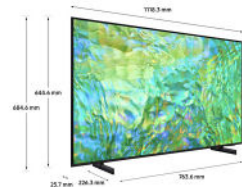
**Product family:** Series 8

**Product code:**  
UE50CU8070UXZT

**Product name :** UE50CU8070U

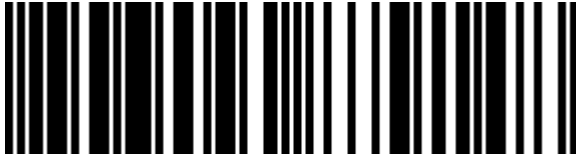


Samsung Series 8 UE50CU8070U. Display diagonal: 127 cm (50"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, Screen shape: Flat. Smart TV. Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black



Display		Performance	
Display diagonal *	127 cm (50")	Wireless Dex support	✓
HD type *	4K Ultra HD	Multi View	✗
Display technology *	LED	MBR support	✓
Screen shape *	Flat	<b>Ports &amp; interfaces</b>	
Native aspect ratio *	16:9	Ethernet LAN (RJ-45) ports *	1
Native refresh rate	50 Hz	USB 2.0 ports quantity *	2
Dynamic contrast ratio marketing name	Mega Contrast	Digital audio optical out	1
Display number of colours	1 billion colours	Common interface (CI) *	✓
Display resolution *	3840 x 2160 pixels	Common interface Plus (CI+) *	✓
Display diagonal (metric)	125 cm	Common interface Plus (CI+) version	1.4
<b>TV tuner</b>		HDMI ports quantity *	3
Tuner type *	Analog & digital	<b>Management features</b>	
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	Electronic Programme Guide (EPG)	✓
<b>Smart TV</b>		On Screen Display (OSD)	✓
Smart TV *	✓	Number of OSD languages	28
Internet TV *	✓	Picture-in-Picture	✗
Operating system installed *	Tizen	Works with Amazon Alexa	✓
Timeshift	✗	Works with Samsung Bixby	✓
Smart modes	Filmmaker	Universal Browse & Play	✓
Video apps	Samsung TV Plus	<b>Power</b>	
<b>Audio</b>		Energy efficiency class (SDR) *	G
Number of speakers *	2	Energy efficiency class (HDR) *	G
RMS rated power *	20 W	Energy consumption (SDR) per 1000 hours *	71 kWh
Built-in subwoofer	✗	Power consumption (typical) *	71 W
Audio pre-selection descriptor	✓	Energy consumption (HDR) per 1000 hours *	124 kWh
Adaptive sound	✓	Power consumption (standby) *	0.5 W
Object Tracking Sound+ (OTS+)	✓	Power consumption (max)	140 W
Q-Symphony	✓	AC input voltage	220-240 V
<b>Network</b>		AC input frequency	50 - 60 Hz
Wi-Fi *	✓		

Network		Power	
Ethernet LAN *	✓	Energy efficiency scale	A to G
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Brand-specific features	
Bluetooth *	✓	Samsung technologies (AV/TV)	Motion Xcelerator
Bluetooth version	5.2	Weight & dimensions	
Web browser	✓	Width (with stand)	1118.3 mm
Design		Depth (with stand)	226.3 mm
VESA mounting *	✓	Height (with stand)	684.6 mm
Panel mounting interface	200 x 200 mm	Weight (with stand)	11.8 kg
Product colour *	Black	Width (without stand)	1118.3 mm
Stand colour	Black	Depth (without stand)	25.7 mm
Performance		Height (without stand)	644.9 mm
High Dynamic Range (HDR) supported *	✓	Weight (without stand)	11.5 kg
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)	Stand width	76.4 cm
Game mode	✓	Stand depth	22.6 cm
Teletext function	✓	Packaging data	
Subtitles function	✓	Remote control included	✓
TV key support	✓	Remote control type	TM2360E
AMD FreeSync	✗	E-manual	✓
NVIDIA G-SYNC	✗	Package width	1246 mm
Game features	Auto Low Latency Mode (ALLM)	Package depth	131 mm
Brand specific technologies	Motion xcelerator	Package height	761 mm
SmartThings app support	✓	Package weight	15.9 kg



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