

## Samsung Series 8 TU8500 127 cm (50") 4K Ultra HD Smart TV Wi-Fi Black



**Brand :** Samsung

**Product family:** Series 8

**Product code:**  
UE50TU8500UXXU

**Product name :** TU8500

- Lifelike colour with Dynamic Crystal Display
  - Dual LED for bold contrast
  - 4K Upscaling
  - Use your favourite voice assistant to control your TV
  - Smart TV apps: Netflix, Disney+, BT Sport, Prime and more...
- 50", 4K UHD 3840 x 2160 px, Dual LED, HDR 10+, Crystal Processor 4K, DVB-TCS2(T2 Ready), Smart TV, SmartThings, AirPlay 2
- Samsung Series 8 TU8500. 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: PQI (Picture Quality Index) 2800, Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S2, DVB-T, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black

Display		Performance	
Display diagonal *	127 cm (50")	ConnectShare (USB)	✓
HD type *	4K Ultra HD	Ports & interfaces	
Display technology *	LED	HDMI Quick Switch	✓
Screen shape *	Flat	Audio Return Channel (ARC)	✓
Native aspect ratio *	16:9	DVI port	✗
Motion interpolation technology *	PQI (Picture Quality Index) 2800	Ethernet LAN (RJ-45) ports *	1
Dynamic contrast ratio marketing name	Mega Contrast	USB 2.0 ports quantity *	2
Display resolution *	3840 x 2160 pixels	Digital audio optical out	1
Display diagonal (metric)	125 cm	RF ports quantity	3
Peak luminance ratio	76%	Common interface Plus (CI+) *	✓
TV tuner		Common interface Plus (CI+) version	1.4
Tuner type *	Analog & digital	HDMI ports quantity *	3
Digital signal format system *	DVB-C, DVB-S2, DVB-T, DVB-T2	PC in (D-Sub) *	✗
Auto channel search	✓	Consumer Electronics Control (CEC)	Anynet+
Smart TV		Management features	
Smart TV *	✓	Electronic Programme Guide (EPG)	✓
Internet TV *	✓	On Screen Display (OSD)	✓
Operating system installed *	Tizen	Number of OSD languages	27
Timeshift	✓	ECO mode	✓
Apple AirPlay 2 support	✓	Auto power off	✓
Hybrid Broadcast Broadband TV (HbbTV)	✓	Power	
Smart modes	Game, Movie, Natural	Power consumption (typical) *	92 W
Audio		Power consumption (standby) *	0.5 W
Number of speakers *	2	Power consumption (PowerSave)	36.1 W
RMS rated power *	20 W	Power consumption (max)	130 W
Audio decoders	Dolby Digital	AC input voltage	220 - 240 V
Audio decoding technologies	Dolby Digital Plus	AC input frequency	50/60 Hz
Network		Energy saving mode	✓
Wi-Fi *	✓	Energy efficiency scale	A+++ to D
Ethernet LAN *	✓	Weight & dimensions	
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Width (with stand)	1116.4 mm
Wi-Fi Direct	✓	Depth (with stand)	326.5 mm
Bluetooth *	✓	Height (with stand)	728.1 mm
Bluetooth version	4.2	Weight (with stand)	15.2 kg
Browsing	✓	Width (without stand)	111.6 cm
		Depth (without stand)	5.71 cm

Network		Weight & dimensions	
Web browser	✓	Height (without stand)	64.3 cm
Design		Weight (without stand)	12.9 kg
Rollable display	✗	Packaging data	
VESA mounting *	✓	Cables included	AC
Product colour *	Black	Remote control included	✓
Ambient lighting	✓	Remote control type	TM2050A
Performance		Smart Remote included	✓
High Dynamic Range (HDR) supported *	✓	E-manual	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)	Package width	1282 mm
Game mode	✓	Package depth	168 mm
Teletext function	✓	Package height	780 mm
Subtitles function	✓	Package weight	19.8 kg
Picture processing technology	Samsung Contrast Enhancer	Package type	Box
Digital Clean View	✓	Other features	
MBR support	✓	Annual energy consumption	128 kWh
ConnectShare (HDD)	✓	Energy efficiency class (old)	A



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Publication date: 07-MAR-2023. Prints or copies of Information are only valid on the printed Publication date