

Samsung Series 8 UE55TU8500U 139.7 cm. (55 inches) 4K Ultra HD  
Smart TV with Wi-Fi

Brand : Samsung      Product family: Series 8      Product code: UE55TU8500UXZT

Product name : UE55TU8500U

Samsung Series 8 UE55TU8500U. Screen size: 139.7 cm. (55 inches), Resolution: 3840 x 2160 pixels, Display technology: 4K Ultra HD, Panel type: LED, Refresh rate: 2800, Aspect ratio: 16:9. Features: Frame Rate, PQI (Picture Quality Index) 2800, DVB-C, DVB-S2, DVB-T. Wi-Fi, Smart TV. Operating system: Tizen.



Display		Ports & interfaces	
Display diagonal *	139.7 cm (55")	PC in (D-Sub) *	✗
HD type *	4K Ultra HD	DVI port	✗
Display technology *	LED	Ethernet LAN (RJ-45) ports	1
Screen shape *	Flat	USB 2.0 ports quantity *	2
Native aspect ratio *	16:9	Composite video in	1
Supported video modes	1080p, 2160p	Digital audio optical out	1
Supported graphics resolutions	1920 x 1080 (HD 1080), 3840 x 2160	RF ports quantity	3
Motion interpolation technology *	PQI (Picture Quality Index) 2800	Common interface Plus (CI+) *	✓
Dynamic contrast ratio marketing name	Mega Contrast	Common interface Plus (CI+) version	1.4
Display resolution *	3840 x 2160 pixels	HDMI ports quantity *	3
Display diagonal (metric)	138 cm	Consumer Electronics Control (CEC)	Anynet+
Peak luminance ratio	75%	Management features	
TV tuner		Voice control	✓
Tuner type *	Analog & digital	Electronic Programme Guide (EPG)	✓
Digital signal format system *	DVB-C, DVB-S2, DVB-T	On Screen Display (OSD)	✓
Auto channel search	✓	Number of OSD languages	27
Smart TV		Auto power off	✓
Smart TV *	✓	Works with Amazon Alexa	✓
Internet TV *	✓	Works with the Google Assistant	✓
Operating system installed *	Tizen	Works with Samsung Bixby	✓
Apple AirPlay 2 support	✓	Power	
Hybrid Broadcast Broadband TV (HbbTV)	✓	Power consumption (typical) *	84 W
Hybrid Broadcast Broadband TV (HbbTV) version	2.01	Power consumption (standby) *	0.5 W
Smart modes	Game, Movie, Natural	Power consumption (max)	135 W
Audio		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 *	101 kWh
Audio decoders	Dolby Digital, Dolby Digital Plus	Energy consumption (HDR) per 1000 hours *	106 kWh
Network		Power consumption (PowerSave)	37.2 W
Wi-Fi *	✓	AC input voltage	220 - 240 V
		AC input frequency	50 - 60 Hz

Network		Power	
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Energy saving mode	✓
Bluetooth *	✓	Energy efficiency scale	A to G
Bluetooth version	4.2	Weight & dimensions	
Ethernet LAN *	✓	Width (with stand)	1230.1 mm
Wi-Fi Direct	✓	Depth (with stand)	340.4 mm
Browsing	✓	Height (with stand)	793 mm
Web browser	✓	Weight (with stand)	19.4 kg
HID support	✓	Width (without stand)	1230.1 mm
Design		Depth (without stand)	57.4 mm
Product colour *	Black	Height (without stand)	705.9 mm
VESA mounting *	✓	Weight (without stand)	17.2 kg
Rollable display	✗	Packaging data	
Ambient lighting	✓	Package width	1412 mm
Performance		Package depth	168 mm
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)	Package height	846 mm
Game mode	✓	Package weight	23.6 kg
Teletext function	✓	Package type	Box
Subtitles function	✓	Packaging content	
Picture processing technology	Samsung Contrast Enhancer	Cables included	AC
Digital Clean View	✓	Remote control included	✓
High Dynamic Range (HDR) supported *	✓	Remote control type	TM2050A
MBR support	✓	Smart Remote included	✓
ConnectShare (HDD)	✓	E-manual	✓
ConnectShare (USB)	✓	Other features	
Ports & interfaces		Batteries included	✓
HDMI Quick Switch	✓		
Audio Return Channel (ARC)	✓		



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Publication date: 30-APR-2025. Prints or copies of Information are only valid on the printed Publication date