

## Samsung Series 8 QE50Q80TAT 127 cm (50") 4K Ultra HD Smart TV Wi-Fi Black, Grey

**Brand :** Samsung

**Product family:** Series 8

**Product code:**  
QE50Q80TATXZT

**Product name :** QE50Q80TAT



- 4K AI Upscaling with Quantum Processor 4K
- 3D audio with Object Tracking Sound (OTS)
- Near bezel-less design

- Smart TV apps: Netflix, Disney+, BT Sport, Prime and more...

50" 3840x2160 QLED, SMART TV, HDR 10+, HLG, DVB-T2/C/S2, CI+(1.4), 154W, 21kg

Samsung Series 8 QE50Q80TAT. Display diagonal: 127 cm (50"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: QLED, Screen shape: Flat. Smart TV. Motion interpolation technology: PQI (Picture Quality Index) 3200. Digital signal format system: DVB-C, DVB-S2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black, Grey

Display		Ports & interfaces	
Display diagonal *	127 cm (50")	DVI port	✗
HD type *	4K Ultra HD	Ethernet LAN (RJ-45) ports	1
Display technology *	QLED	USB 2.0 ports quantity *	2
Screen shape *	Flat	RF ports quantity	1
Supported video modes	720p, 1080p, 2560p	Common interface (CI) *	✓
Supported graphics resolutions	1280 x 720 (HD 720), 1920 x 1080 (HD 1080), 2560 x 1440, 3840 x 2160	Common interface Plus (CI+) *	✓
Motion interpolation technology *	PQI (Picture Quality Index) 3200	Common interface Plus (CI+) version	1.4
Display resolution *	3840 x 2160 pixels	HDMI ports quantity *	4
Display diagonal (metric)	125 cm	Management features	
Peak luminance ratio	74%	Voice control	✓
TV tuner		Voice guide	✓
Tuner type *	Analog & digital	Electronic Programme Guide (EPG)	✓
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	On Screen Display (OSD)	✓
Auto channel search	✓	Number of OSD languages	27
Smart TV		ECO mode	✓
Smart TV *	✓	Auto power off	✓
Internet TV *	✓	Sleep timer	✓
Operating system installed *	Tizen	On/Off timer	✓
Timeshift	✓	Works with Amazon Alexa	✓
Screen mirroring	✓	Works with the Google Assistant	✓
Sound mirroring	✓	Works with Samsung Bixby	✓
Hybrid Broadcast Broadband TV (HbbTV)	✓	Power	
Smart modes	Cinema, Natural	Power consumption (typical) *	128 W
Audio		Power consumption (standby) *	0.5 W
Number of speakers *	2	Power consumption (max)	225 W
RMS rated power *	60 W	Energy efficiency class (SDR) *	G
Built-in subwoofer	✓	Energy efficiency class (HDR) *	G
Audio decoders	Dolby Digital, Dolby Digital Plus	Energy consumption (SDR) per 1000 hours *	153 kWh

Audio		Power	
Enhanced Audio Return Channel (eARC)	✓	Energy consumption (HDR) per 1000 hours *	203 kWh
Network		Power consumption (PowerSave)	71.8 W
Wi-Fi *	✓	AC input voltage	220 - 240 V
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	AC input frequency	50 - 60 Hz
Bluetooth *	✓	Energy efficiency scale	A to G
Bluetooth version	4.2	Weight & dimensions	
Ethernet LAN *	✓	Width (with stand)	1114.2 mm
Wi-Fi Direct	✓	Depth (with stand)	239.8 mm
Browsing	✓	Height (with stand)	723 mm
Web browser	✓	Weight (with stand)	18.1 kg
HID support	✓	Width (without stand)	1114.2 mm
Design		Depth (without stand)	54.9 mm
Product colour *	Black, Grey	Height (without stand)	644.6 mm
VESA mounting *	✓	Weight (without stand)	13.7 kg
On/off switch	✓	Packaging data	
Rollable display	✗	Package width	1337 mm
Performance		Package depth	178 mm
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)	Package height	780 mm
Game mode	✓	Package weight	23.4 kg
Teletext function	✓	Package type	Box
Subtitles function	✓	Packaging content	
Ambient light sensor	✓	Desktop stand	✓
Eco sensor	✓	Cables included	AC
TV key support	✓	Remote control included	✓
Backlight dimming technology	Local Dimming	Remote control type	TM2050C
Digital Clean View	✓	Smart Remote included	✓
High Dynamic Range (HDR) supported *	✓	E-manual	✓
USB recording	✓	Other features	
ConnectShare (HDD)	✓	Digital Living Network Alliance (DLNA) certified	✓
ConnectShare (USB)	✓		
Ports & interfaces			
Audio Return Channel (ARC)	✓		



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### Catalog Object Cloud



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