

## Samsung QE50Q80BAT 127 cm (50") 4K Ultra HD Smart TV Wi-Fi Carbon

**Brand :** Samsung

**Product code:** QE50Q80BATXXN

**Product name :** QE50Q80BAT

Samsung QE50Q80BAT. Display diagonal: 127 cm (50"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: QLED, 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: Carbon



Display		Performance	
Display diagonal *	127 cm (50")	Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, Super Ultra Wide Game View
HD type *	4K Ultra HD	Brand specific technologies	Micro dimming, Motion Xcelerator Turbo
Display technology *	QLED	SmartThings app support	✓
Screen shape *	Flat	Tap view	✓
Native aspect ratio *	16:9	360 camera support	✓
Native refresh rate	50 Hz	360 video player support	✓
Display resolution *	3840 x 2160 pixels	Video upscaling	✓
Display diagonal (metric)	125 cm	Wireless Dex support	✓
TV tuner		Smartphone remote support	✓
Tuner type *	Analog & digital	USB recording *	✓
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	ConnectShare (HDD)	✓
Auto channel search	✓	ConnectShare (USB)	✓
Smart TV		Ports & interfaces	
Smart TV *	✓	HDMI Quick Switch	✓
Internet TV *	✓	Audio Return Channel (ARC)	✓
Operating system installed *	Tizen	Ethernet LAN (RJ-45) ports *	1
Timeshift	✓	USB 2.0 ports quantity *	2
Sound mirroring	✓	Digital audio optical out	1
Hybrid Broadcast Broadband TV (HbbTV)	✓	RF ports quantity	4
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3	Common interface (CI) *	✓
Smart modes	Filmmaker, Game, Movie	Common interface Plus (CI+) *	✓
Far-field voice interaction	✓	Common interface Plus (CI+) version	1.4
Video apps	Samsung TV Plus	HDMI ports quantity *	4
Audio		PC in (D-Sub) *	✗
RMS rated power *	40 W	Consumer Electronics Control (CEC)	Anynet+
Built-in subwoofer	✓	Management features	
Audio decoders	Dolby Atmos, Dolby Digital	Voice control	✓
Audio decoding technologies	Dolby Digital Plus	Electronic Programme Guide (EPG)	✓
Audio pre-selection descriptor	✓	On Screen Display (OSD)	✓
Adaptive sound	✓	Number of OSD languages	27
Q-Symphony	✓	Picture-in-Picture	✓
Music wall	✓	Auto power off	✓
Active voice amplifier (AVA)	✓		

Audio		Management features	
Multiroom	✓	Works with Amazon Alexa	✓
Multiroom audio technology	Samsung Multiroom Link	Works with the Google Assistant	✓
Enhanced Audio Return Channel (eARC)	✓	Works with Samsung Bixby	✓
Network		Power	
Wi-Fi *	✓	Energy efficiency class (SDR) *	G
Ethernet LAN *	✓	Energy efficiency class (HDR) *	G
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Energy consumption (SDR) per 1000 hours *	94 kWh
Wi-Fi Direct	✓	Power consumption (typical) *	94 W
Bluetooth *	✓	Energy consumption (HDR) per 1000 hours *	175 kWh
Bluetooth version	5.2	Power consumption (standby) *	0.5 W
Browsing	✓	Power consumption (max)	225 W
Web browser	✓	AC input voltage	220 - 240 V
Design		AC input frequency	50/60 Hz
VESA mounting *	✓	Energy saving mode	✓
Panel mounting interface	200 x 200 mm	Energy efficiency scale	A to G
Product colour *	Carbon	Weight & dimensions	
Frameless design	✓	Width (with stand)	1114.2 mm
Bezel type	3 Bezel-less	Depth (with stand)	239.8 mm
Performance		Height (with stand)	723 mm
High Dynamic Range (HDR) supported *	✓	Weight (with stand)	18.1 kg
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG), Quantum HDR 1000	Width (without stand)	111.4 mm
Game mode	✓	Depth (without stand)	5.39 cm
Teletext function	✓	Height (without stand)	64.5 cm
Subtitles function	✓	Weight (without stand)	13.7 kg
Ambient light sensor	✓	Stand width	51 cm
Ambient mode	Ambient Mode+	Stand depth	24 cm
Eco sensor	✓	Packaging data	
Brightness detection	✓	Cables included	AC
TV key support	✓	Remote control type	TM2280E
Picture processing technology	Samsung Contrast Enhancer	Smart Remote included	✓
Noise reduction *	✓	E-manual	✓
Multi-screen	✓	Package width	1337 mm
IPv6 support	✓	Package depth	178 mm
AMD FreeSync	✓	Package height	780 mm
AMD FreeSync type	FreeSync Premium Pro	Package weight	23.4 kg
		Package type	Box



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