SAMSUNG

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

Display diagonal *	127 cm (50")
HD type *	4K Ultra HD
Display technology *	QLED
Screen shape *	Flat
Native aspect ratio *	16:9
Native refresh rate	50 Hz
Display resolution *	3840 x 2160 pixels
Display diagonal (metric)	125 cm

TV tuner

Tuner type *	Analog & digital
Digital signal format system *	DVB-C, DVB-S2, DVB-T2
Auto channel search	✓

Smart TV

Smart TV *	✓
Internet TV *	✓
Operating system installed *	Tizen
Timeshift	✓
Sound mirroring	✓
Hybrid Broadcast Broadband TV (HbbTV)	✓
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3
Smart modes	Filmmaker, Game, Movie
Far-field voice interaction	✓
Video apps	Samsung TV Plus

Audio

RMS rated power *	40 W
Built-in subwoofer	✓
Audio decoders	Dolby Atmos, Dolby Digital
Audio decoding technologies	Dolby Digital Plus
Audio pre-selection descriptor	✓
Adaptive sound	✓
Q-Symphony	✓
Music wall	✓
Active voice amplifier (AVA)	✓

Performance

Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, Super Ultra Wide Game View
Brand specific technologies	Micro dimming, Motion Xcelerator Turbo
SmartThings app support	✓
Tap view	✓
360 camera support	✓
360 video player support	✓
Video upscaling	✓
Wireless Dex support	✓
Smartphone remote support	✓
USB recording *	✓
ConnectShare (HDD)	✓
ConnectShare (USB)	✓

Ports & interfaces

HDMI Quick Switch	✓
Audio Return Channel (ARC)	✓
Ethernet LAN (RJ-45) ports *	1
USB 2.0 ports quantity *	2
Digital audio optical out	1
RF ports quantity	4
Common interface (CI) *	✓
Common interface Plus (CI+) *	✓
Common interface Plus (CI+) version	1.4
HDMI ports quantity *	4
PC in (D-Sub) *	✗
Consumer Electronics Control (CEC)	Anynet+

Management features

Voice control	✓
Electronic Programme Guide (EPG)	✓
On Screen Display (OSD)	✓
Number of OSD languages	27
Picture-in-Picture	✓
Auto power off	✓

Audio

Multiroom	✔
Multiroom audio technology	Samsung Multiroom Link
Enhanced Audio Return Channel (eARC)	✔

Network

Wi-Fi *	✔
Ethernet LAN *	✔
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Wi-Fi Direct	✔
Bluetooth *	✔
Bluetooth version	5.2
Browsing	✔
Web browser	✔

Design

VESA mounting *	✔
Panel mounting interface	200 x 200 mm
Product colour *	Carbon
Frameless design	✔
Bezel type	3 Bezel-less

Performance

High Dynamic Range (HDR) supported *	✔
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG), Quantum HDR 1000
Game mode	✔
Teletext function	✔
Subtitles function	✔
Ambient light sensor	✔
Ambient mode	Ambient Mode+
Eco sensor	✔
Brightness detection	✔
TV key support	✔
Picture processing technology	Samsung Contrast Enhancer
Noise reduction *	✔
Multi-screen	✔
IPv6 support	✔
AMD FreeSync	✔
AMD FreeSync type	FreeSync Premium Pro

Management features

Works with Amazon Alexa	✔
Works with the Google Assistant	✔
Works with Samsung Bixby	✔

Power

Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	94 kWh
Power consumption (typical) *	94 W
Energy consumption (HDR) per 1000 hours *	175 kWh
Power consumption (standby) *	0.5 W
Power consumption (max)	225 W
AC input voltage	220 - 240 V
AC input frequency	50/60 Hz
Energy saving mode	✔
Energy efficiency scale	A to G

Weight & dimensions

Width (with stand)	1114.2 mm
Depth (with stand)	239.8 mm
Height (with stand)	723 mm
Weight (with stand)	18.1 kg
Width (without stand)	111.4 cm
Depth (without stand)	5.39 cm
Height (without stand)	64.5 cm
Weight (without stand)	13.7 kg
Stand width	51 cm
Stand depth	24 cm

Packaging data

Cables included	AC
Remote control type	TM2280E
Smart Remote included	✔
E-manual	✔
Package width	1337 mm
Package depth	178 mm
Package height	780 mm
Package weight	23.4 kg
Package type	Box

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