

Samsung Series 8 Q80C 2.16 m (85") 4K Ultra HD Smart TV Wi-Fi Silver

Brand : Samsung

Product family: Series 8

Product code:
QE85Q80CATXXU

Product name : Q80C



- Powered by Quantum Dot for a naturally bright and colourful picture
- Brightness, colour and detail boosted by our most intelligent AI-powered 4K processor
- Precise backlight technology creates bright whites, dark blacks and incredible contrast
- Virtual surround sound with Dolby Atmos Technology
- Incredible detail unveiled with bright colour and rich contrast

2023 85" Q80C QLED 4K HDR Smart TV

Samsung Series 8 Q80C. Display diagonal: 2.16 m (85"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: QLED, Screen shape: Flat. Smart TV. Motion interpolation technology: Motion Xcelerator Turbo+, Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Silver



Display		Performance	
Display diagonal *	2.16 m (85")	AMD FreeSync	✓
HD type *	4K Ultra HD	AMD FreeSync type	FreeSync Premium Pro
Display technology *	QLED	Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, Super Ultra Wide Game View
Screen shape *	Flat	SmartThings app support	✓
Native aspect ratio *	16:9	Wireless Dex support	✓
Supported graphics resolutions	3840 x 2160	Multi View	✓
Motion interpolation technology *	Motion Xcelerator Turbo+	MBR support	✓
Native refresh rate	100 Hz	USB recording	✓
Display resolution *	3840 x 2160 pixels	ConnectShare (USB)	✓
Display diagonal (metric)	215.9 cm		
TV tuner		Ports & interfaces	
Tuner type *	Analog & digital	Audio Return Channel (ARC)	✓
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	PC in (D-Sub) *	✗
Smart TV		Ethernet LAN (RJ-45) ports	1
Smart TV *	✓	USB 2.0 ports quantity *	2
Internet TV *	✓	Digital audio optical out	1
Operating system installed *	Tizen	RF ports quantity	2
Timeshift	✓	Common interface (CI) *	✓
Screen mirroring	✓	Common interface Plus (CI+) *	✓
Sound mirroring	✓	Common interface Plus (CI+) version	1.4
Smart modes	Filmmaker	HDMI ports quantity *	4
Far-field voice interaction	✓	Consumer Electronics Control (CEC)	Anynet+
TV initiate mirroring	✓	AC (power) in	✓
Video apps	Apple TV, Disney+, NOW TV, Netflix, Samsung TV Plus	Management features	
Audio		Voice guide	✓
RMS rated power *	40 W	Electronic Programme Guide (EPG)	✓
Audio output channels	2.2 channels	On Screen Display (OSD)	✓
Built-in subwoofer	✓	Number of OSD languages	27
Audio decoders	Dolby Atmos	Auto power off	✓
Audio pre-selection descriptor	✓	Works with Amazon Alexa	✓
Adaptive sound	✓	Works with the Google Assistant	✓

Audio		Management features	
Q-Symphony	✓	Works with Samsung Bixby	✓
Music wall	✓	Universal Browse & Play	✓
Active voice amplifier (AVA)	✓		
Adaptive sound+	✓		
Multiroom	✓		
Multiroom audio technology	Samsung Multiroom Link		
Enhanced Audio Return Channel (eARC)	✓		
Network		Power	
Wi-Fi *	✓	Power consumption (typical) *	168 W
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Power consumption (standby) *	0.5 W
Bluetooth *	✓	Power consumption (max)	480 W
Bluetooth version	5.2	Energy efficiency class (SDR) *	G
Ethernet LAN *	✓	Energy efficiency class (HDR) *	G
Web browser	✓	Energy consumption (SDR) per 1000 hours *	168 kWh
Design		Energy consumption (HDR) per 1000 hours *	476 kWh
Product colour *	Silver	Energy efficiency scale	A to G
Colour name	Carbon Silver	Brand-specific features	
VESA mounting *	✓	Samsung technologies (AV/TV)	Micro Dimming, Motion Xcelerator Turbo Plus
Panel mounting interface	600 x 400 mm	Weight & dimensions	
Bezel type	4 Bezel-less	Width (with stand)	1892.8 mm
Stand type	Center stand	Depth (with stand)	326.6 mm
Stand colour	Silver	Height (with stand)	1143.8 mm
Performance		Weight (with stand)	47.2 kg
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Hybrid Log-Gamma (HLG)	Width (without stand)	1892.8 mm
		Depth (without stand)	47.1 mm
Teletext function	✓	Height (without stand)	1082.8 mm
Subtitles function	✓	Weight (without stand)	41.3 kg
Ambient mode	Yes	Packaging data	
Eco sensor	✓	Package width	2146 mm
Brightness detection	✓	Package depth	245 mm
Colour detection	✓	Package height	1245 mm
AI Upscale	✓	Package weight	60.5 kg
Picture processing technology	Neural Quantum Processor 4K	Package type	Box
High Dynamic Range (HDR) supported *	✓	Packaging content	
		Desktop stand	✓
		Cables included	AC
		Remote control included	✓
		Remote control type	TM2360E UK +TM1240A
		E-manual	✓



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