

Samsung Series 8 QE85QN800CT 2.16 m (85") 8K Ultra HD Smart TV Wi-Fi Black

Brand : Samsung

Product family: Series 8

Product code:
QE85QN800CTXXU

Product name : QE85QN800CT



- Powered by Quantum Dot for a naturally bright and colourful picture
- Expertly controlled Mini LEDs create exceptional contrast
- Our most intelligent, AI-powered processor yet
- Experience the brilliant picture from every angle, with minimised distracting glare
- Cinematic sound reimagined with Dolby Atmos and the TV's 8 speakers

2023 85" QN800C Neo QLED 8K HDR Smart TV

Samsung Series 8 QE85QN800CT. Display diagonal: 2.16 m (85"), Display resolution: 7680 x 4320 pixels, HD type: 8K 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: Black



Display		Performance	
Display diagonal *	2.16 m (85")	Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, Super Ultra Wide Game View
HD type *	8K Ultra HD	Plug and Play	✓
Display technology *	QLED	SmartThings app support	✓
Screen shape *	Flat	Adaptive picture	✓
Native aspect ratio *	16:9	Video upscaling	✓
Motion interpolation technology *	Motion Xcelerator Turbo+	Wireless Dex support	✓
Native refresh rate	100 Hz	Multi View	✓
Dynamic contrast ratio marketing name	Quantum Matrix Technology Pro	Remote access	✓
Display number of colours	1 billion colours	TV sound to mobile device	✓
Display resolution *	7680 x 4320 pixels	MBR support	✓
TV tuner		Smartphone/tablet remote support	✓
Tuner type *	Analog & digital	USB recording	✗
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	ConnectShare (HDD)	✓
Number of tuners	2 tuner(s)	ConnectShare (USB)	✓
Auto channel search	✓	Ports & interfaces	
Smart TV		PC in (D-Sub) *	✗
Smart TV *	✓	Ethernet LAN (RJ-45) ports	1
Internet TV *	✓	USB 2.0 ports quantity *	3
Operating system installed *	Tizen	Digital audio optical out	1
Screen mirroring	✓	RF ports quantity	1
Sound mirroring	✓	Common interface (CI) *	✗
Hybrid Broadcast Broadband TV (HbbTV)	✓	Common interface Plus (CI+) *	✓
Smart modes	Filmmaker, Game	Common interface Plus (CI+) version	1.4
Far-field voice interaction	✓	HDMI ports quantity *	4
TV initiate mirroring	✓	Consumer Electronics Control (CEC)	Anynet+
Video apps	Samsung TV Plus	Management features	
Audio		Voice control	✓
Number of speakers *	8	Electronic Programme Guide (EPG)	✓
RMS rated power *	70 W	On Screen Display (OSD)	✓
Audio output channels	4.2.2 channels	Number of OSD languages	28

Audio		Management features	
Built-in subwoofer	✓	Picture-in-Picture	✓
Audio decoders	Dolby Atmos	ECO mode	✓
Audio pre-selection descriptor	✓	Sleep timer	✓
Object Tracking Sound+ (OTS+)	✓	On/Off timer	✓
Q-Symphony	✓	Firmware upgradeable	✓
Music wall	✓	Works with Amazon Alexa	✓
Active voice amplifier (AVA)	✓	Works with the Google Assistant	✓
Adaptive sound+	✓	Works with Samsung Bixby	✓
Multiroom	✓		
Enhanced Audio Return Channel (eARC)	✓		
Network		Power	
Wi-Fi *	✓	Power consumption (typical) *	168 W
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Power consumption (standby) *	0.5 W
Bluetooth *	✓	Energy efficiency class (SDR) *	G
Bluetooth version	5.2	Energy efficiency class (HDR) *	G
Ethernet LAN *	✓	Energy consumption (SDR) per 1000 hours *	168 kWh
Browsing	✓	Energy consumption (HDR) per 1000 hours *	400 kWh
Web browser	✓	AC input voltage	220-240 V
		AC input frequency	50 - 60 Hz
		Energy saving mode	✓
		Energy efficiency scale	A to G
Design		Brand-specific features	
Product colour *	Black	Samsung technologies (AV/TV)	Motion Xcelerator Turbo Plus
VESA mounting *	✓		
Panel mounting interface	600 x 400 mm		
On/off switch	✓		
Ambient lighting	✓		
Frameless design	✓		
Bezel type	4 Bezel-less		
Mini wall mount support	✓		
Stand type	Center stand		
Stand colour	Silver		
Performance		Weight & dimensions	
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)	Width (with stand)	1893.4 mm
Game mode	✓	Depth (with stand)	303.7 mm
Teletext function	✓	Height (with stand)	1153.4 mm
Teletext standards	EPG	Weight (with stand)	57.7 kg
Subtitles function	✓	Width (without stand)	1893.4 mm
Ambient light sensor	✓	Depth (without stand)	17.6 mm
Ambient mode	Ambient Mode+	Height (without stand)	1083 mm
Eco sensor	✓	Weight (without stand)	44.4 kg
Colour detection	✓	Stand width	36 cm
AI Upscale	✓	Stand depth	30.4 cm
Picture processing technology	Samsung Contrast Enhancer		
Noise reduction *	✗		
High Dynamic Range (HDR) supported *	✓		
Image gallery	✓		
Multi-screen	✓		
AMD FreeSync	✓		
AMD FreeSync type	FreeSync Premium Pro		
		Packaging data	
		Package width	2090 mm
		Package depth	220 mm
		Package height	1260 mm
		Package weight	74 kg
		Package type	Box
		Packaging content	
		Desktop stand	✓
		Cables included	AC
		Remote control included	✓
		Smart Remote included	✓
		E-manual	✓
		Other features	
		HGiG mode	✓
		One Connect box	✓



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