SAMSUNG

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
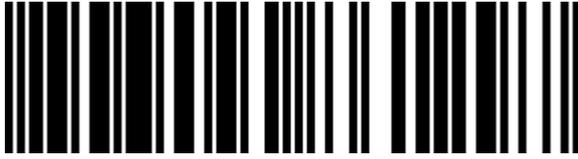2023 85" QN800C Neo QLED 8K HDR Smart TV
Samsung Series 8 QE85QN800CT. Display diagonal: 2.16 m (85"), Display resolution: 7680 x 4320 pixels, HD type: 8K Ultra HD, Display technology: QLED, Screen shape: Flat. Smart TV. Motion interpolation technology: Motion Xcelerator Turbo+, Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black

Display

Display diagonal *	2.16 m (85")
HD type *	8K Ultra HD
Display technology *	QLED
Screen shape *	Flat
Native aspect ratio *	16:9
Motion interpolation technology *	Motion Xcelerator Turbo+
Native refresh rate	100 Hz
Dynamic contrast ratio marketing name	Quantum Matrix Technology Pro
Display number of colours	1 billion colours
Display resolution *	7680 x 4320 pixels

TV tuner

Tuner type *	Analog & digital
Digital signal format system *	DVB-C, DVB-S2, DVB-T2
Number of tuners	2 tuner(s)
Auto channel search	✓

Smart TV

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

Audio

Number of speakers *	8
RMS rated power *	70 W
Audio output channels	4.2.2 channels

Performance

Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, Super Ultra Wide Game View
Plug and Play	✓
SmartThings app support	✓
Adaptive picture	✓
Video upscaling	✓
Wireless Dex support	✓
Multi View	✓
Remote access	✓
TV sound to mobile device	✓
MBR support	✓
Smartphone/tablet remote support	✓
USB recording	✗
ConnectShare (HDD)	✓
ConnectShare (USB)	✓

Ports & interfaces

PC in (D-Sub) *	✗
Ethernet LAN (RJ-45) ports	1
USB 2.0 ports quantity *	3
Digital audio optical out	1
RF ports quantity	1
Common interface (CI) *	✗
Common interface Plus (CI+) *	✓
Common interface Plus (CI+) version	1.4
HDMI ports quantity *	4
Consumer Electronics Control (CEC)	Anynet+

Management features

Voice control	✓
Electronic Programme Guide (EPG)	✓
On Screen Display (OSD)	✓
Number of OSD languages	28

Audio

Built-in subwoofer	✔
Audio decoders	Dolby Atmos
Audio pre-selection descriptor	✔
Object Tracking Sound+ (OTS+)	✔
Q-Symphony	✔
Music wall	✔
Active voice amplifier (AVA)	✔
Adaptive sound+	✔
Multiroom	✔
Enhanced Audio Return Channel (eARC)	✔

Network

Wi-Fi *	✔
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Bluetooth *	✔
Bluetooth version	5.2
Ethernet LAN *	✔
Browsing	✔
Web browser	✔

Design

Product colour *	Black
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

High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)
Game mode	✔
Teletext function	✔
Teletext standards	EPG
Subtitles function	✔
Ambient light sensor	✔
Ambient mode	Ambient Mode+
Eco sensor	✔
Colour detection	✔
AI Upscale	✔
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

Management features

Picture-in-Picture	✔
ECO mode	✔
Sleep timer	✔
On/Off timer	✔
Firmware upgradeable	✔
Works with Amazon Alexa	✔
Works with the Google Assistant	✔
Works with Samsung Bixby	✔

Power

Power consumption (typical) *	168 W
Power consumption (standby) *	0.5 W
Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	168 kWh
Energy consumption (HDR) per 1000 hours *	400 kWh
AC input voltage	220-240 V
AC input frequency	50 - 60 Hz
Energy saving mode	✔
Energy efficiency scale	A to G

Brand-specific features

Samsung technologies (AV/TV)	Motion Xcelerator Turbo Plus

Weight & dimensions

Width (with stand)	1893.4 mm
Depth (with stand)	303.7 mm
Height (with stand)	1153.4 mm
Weight (with stand)	57.7 kg
Width (without stand)	1893.4 mm
Depth (without stand)	17.6 mm
Height (without stand)	1083 mm
Weight (without stand)	44.4 kg
Stand width	36 cm
Stand depth	30.4 cm

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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