Samsung QN900C QE65QN900CTXXU TV 165.1 cm (65") 8K Ultra HD Smart TV Wi-Fi Black

Brand : Samsung

Product family: QN900C

Product code:
QE65QN900CTXXU

Product name :
QE65QN900CTXXU

- 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
- Cinematic sound reimagined with Dolby Atmos and the TV's 12 speakers
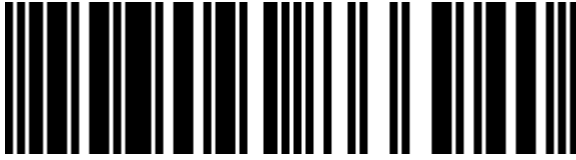- Our brightest TV for a life-like picture, with spectacular depth and detail
2023 65" QN900C Flagship Neo QLED 8K HDR Smart TV
Samsung QN900C QE65QN900CTXXU. Display diagonal: 165.1 cm (65"), Display resolution: 7680 x 4320 pixels, HD type: 8K Ultra HD, Display technology: Neo QLED, Screen shape: Flat. Smart TV. Motion interpolation technology: Motion Xcelerator Turbo Pro, 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 *	165.1 cm (65")
HD type *	8K Ultra HD
Display technology *	Neo QLED
Screen shape *	Flat
Native aspect ratio *	16:9
Motion interpolation technology *	Motion Xcelerator Turbo Pro
Native refresh rate	100 Hz
Display refresh rates supported	100 Hz, 144 Hz
Dynamic contrast ratio marketing name	Quantum Matrix Technology Pro
Display number of colours	1.07 billion colours
Display resolution *	7680 x 4320 pixels
Display diagonal (metric)	165 cm
Anti-glare screen	✓

TV tuner

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

Smart TV

Smart TV *	✓
Internet TV *	✓
Operating system installed *	Tizen
Timeshift	✓
Screen mirroring	✓
Sound mirroring	✓
Smart modes	Filmmaker, Game
Far-field voice interaction	✓
TV initiate mirroring	✓
Video apps	Samsung TV Plus

Audio

RMS rated power *	90 W
Audio output channels	6.2.4 channels

Performance

AMD FreeSync	✓
AMD FreeSync type	FreeSync Premium Pro
Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, Super Ultra Wide Game View
4K Ultra HD upscaling	✓
SmartThings app support	✓
Wireless Dex support	✓
Multi View	✓
MBR support	✓
USB recording	✗

Ports & interfaces

HDMI version	2.1
PC in (D-Sub) *	✗
Ethernet LAN (RJ-45) ports	1
USB 2.0 ports quantity *	3
Digital audio optical out	1
RF ports quantity	2
Common interface (CI) *	✓
Common interface Plus (CI+) *	✓
Common interface Plus (CI+) version	1.4
HDMI ports quantity *	4
Consumer Electronics Control (CEC)	Anynet+
AC (power) in	✓

Management features

Control type	Wireless
Voice guide	✓
Electronic Programme Guide (EPG)	✓
On Screen Display (OSD)	✓
Number of OSD languages	28
Auto power off	✓
Works with Amazon Alexa	✓

Audio

Built-in subwoofer	✓
Audio decoders	Dolby Atmos
Audio pre-selection descriptor	✓
Adaptive sound	✓
Q-Symphony	✓
Music wall	✓
Active voice amplifier (AVA)	✓
Multiroom	✓
Multiroom audio technology	Samsung Multiroom Link
Enhanced Audio Return Channel (eARC)	✓

Network

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

Design

Product colour *	Black
VESA mounting *	✓
Panel mounting interface	400 x 300 mm
Frameless design	✓
Introduction year	2023
Bezel type	Zero Bezel
Mini wall mount support	✓
Stand type	Center stand
Stand colour	Black

Performance

High Dynamic Range (HDR) technology	High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Hybrid Log-Gamma (HLG), Neo Quantum HDR 8K
Game mode	✓
Teletext function	✓
Subtitles function	✓
Ambient light sensor	✓
Ambient mode	Ambient Mode+
Eco sensor	✓
Brightness detection	✓
Colour detection	✓
AI Upscale	✓
Picture processing technology	Neural Quantum Processor 8K, Samsung Real Depth Enhancer
Noise reduction *	✓
High Dynamic Range (HDR) supported *	✓

Management features

Works with the Google Assistant	✓
Works with Samsung Bixby	✓
Universal Browse & Play	✓

Power

Power consumption (typical) *	112 W
Power consumption (standby) *	0.5 W
Power consumption (max)	370 W
Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	112 kWh
Energy consumption (HDR) per 1000 hours *	389 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 Pro

Weight & dimensions

Width (with stand)	1433.1 mm
Depth (with stand)	267.9 mm
Height (with stand)	892.7 mm
Weight (with stand)	32.5 kg
Width (without stand)	1433.1 mm
Depth (without stand)	15.2 mm
Height (without stand)	819.9 mm
Weight (without stand)	22.4 kg
Stand width	36 cm
Stand depth	26.8 cm

Packaging data

Package width	1625 mm
Package depth	190 mm
Package height	935 mm
Package weight	43.3 kg
Package type	Box

Packaging content

Cables included	AC
Remote control included	✓
Remote control type	TM2360E (TM2360E+TM1240A only for GB)
E-manual	✓

Other features

One Connect cable support	✓
One Connect box	✓
One Connect box type	One Connect (Y23 8K)

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