SAMSUNG

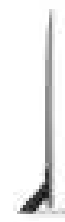# Samsung QE55QN85CAT 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Silver

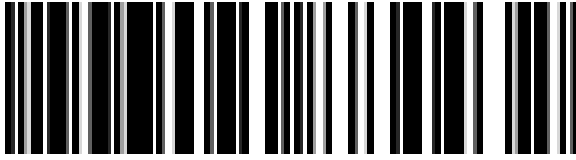**Brand :** Samsung

Product name : QE55QN85CAT

Product code: QE55QN85CATXXN

Samsung QE55QN85CAT. Display diagonal: 139.7 cm (55"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: Neo QLED, Screen shape: Flat, LED backlighting type: Mini LED. Smart TV. Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Silver

Display

Display diagonal *	139.7 cm (55")
HD type *	4K Ultra HD
Display technology *	Neo QLED
LED backlighting type	Mini LED
Screen shape *	Flat
Native aspect ratio *	16:9
Supported graphics resolutions	3840 x 2160
Native refresh rate	120 Hz
Dynamic contrast ratio marketing name	Quantum Matrix Technology
Display resolution *	3840 x 2160 pixels
Display diagonal (metric)	138 cm

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)	✔
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3
TV initiate mirroring	✔
Universal guide	✔

Audio

RMS rated power *	60 W
Audio output channels	2.2.2 channels

Performance

AMD FreeSync type	FreeSync Premium Pro
Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Bar 3.0, Game Motion Plus, Super Ultra Wide Game View
4K Ultra HD upscaling	✔
SmartThings app support	✔
Tap view	✔
Adaptive picture	✔
Wireless Dex support	✔
Multi View	✔
TV sound to mobile device	✔
Parental control	✔
USB recording	✔

Ports & interfaces

PC in (D-Sub) *	✘
Ethernet LAN (RJ-45) ports	1
USB 2.0 ports quantity *	2
Digital audio optical out	1
RF ports quantity	2
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

Voice control	✔
Electronic Programme Guide (EPG)	✔
On Screen Display (OSD)	✔
Number of OSD languages	28
Picture-in-Picture	✔
Auto power off	✔

Audio

Audio decoders	Dolby Atmos
Q-Symphony	✔
Active voice amplifier (AVA)	✔
Adaptive sound+	✔
Enhanced Audio Return Channel (eARC)	✔

Network

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

Design

Product colour *	Silver
Colour name	Bright Silver
VESA mounting *	✔
Panel mounting interface	200 x 200 mm
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	✔
Ambient mode	Ambient Mode+
Brightness detection	✔
Colour detection	✔
AI Upscale	✔
Backlight dimming technology	Local Dimming
Picture processing technology	Neural Quantum Processor 4K, Samsung Real Depth Enhancer
Noise reduction *	✔
High Dynamic Range (HDR) supported *	✔
AMD FreeSync	✔

Management features

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

Power

Power consumption (typical) *	77 W
Power consumption (standby) *	0.5 W
Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	77 kWh
Energy consumption (HDR) per 1000 hours *	155 kWh
AC input voltage	220 - 240 V
AC input frequency	50 - 60 Hz
Energy efficiency scale	A to G

Brand-specific features

Samsung technologies (AV/TV)	Motion Xcelerator Turbo Plus

Weight & dimensions

Width (with stand)	1227.4 mm
Depth (with stand)	253 mm
Height (with stand)	767.9 mm
Weight (with stand)	20.2 kg
Width (without stand)	1227.4 mm
Depth (without stand)	25.9 mm
Height (without stand)	705.6 mm
Weight (without stand)	17.2 kg
Stand width	36.8 cm
Stand depth	25.3 cm

Packaging content

Desktop stand	✔
Cables included	AC
Remote control included	✔
Remote control type	TM2360E

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