



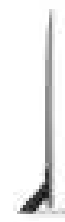
Samsung QE55QN85CAT 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Silver

Brand : Samsung

Product code: QE55QN85CATXXN

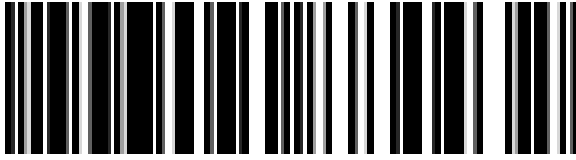
Product name : QE55QN85CAT

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		Performance	
Display diagonal *	139.7 cm (55")	AMD FreeSync type	FreeSync Premium Pro
HD type *	4K Ultra HD	Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Bar 3.0, Game Motion Plus, Super Ultra Wide Game View
Display technology *	Neo QLED	4K Ultra HD upscaling	✓
LED backlighting type	Mini LED	SmartThings app support	✓
Screen shape *	Flat	Tap view	✓
Native aspect ratio *	16:9	Adaptive picture	✓
Supported graphics resolutions	3840 x 2160	Wireless Dex support	✓
Native refresh rate	120 Hz	Multi View	✓
Dynamic contrast ratio marketing name	Quantum Matrix Technology	TV sound to mobile device	✓
Display resolution *	3840 x 2160 pixels	Parental control	✓
Display diagonal (metric)	138 cm	USB recording	✓
TV tuner		Ports & interfaces	
Tuner type *	Analog & digital	PC in (D-Sub) *	✗
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	Ethernet LAN (RJ-45) ports	1
Number of tuners	2 tuner(s)	USB 2.0 ports quantity *	2
Auto channel search	✓	Digital audio optical out	1
Smart TV		RF ports quantity	2
Smart TV *	✓	Common interface Plus (CI+) *	✓
Internet TV *	✓	Common interface Plus (CI+) version	1.4
Operating system installed *	Tizen	HDMI ports quantity *	4
Screen mirroring	✓	Consumer Electronics Control (CEC)	Anynet+
Sound mirroring	✓	AC (power) in	✓
Hybrid Broadcast Broadband TV (HbbTV)	✓	Management features	
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3	Voice control	✓
TV initiate mirroring	✓	Electronic Programme Guide (EPG)	✓
Universal guide	✓	On Screen Display (OSD)	✓
Audio		Number of OSD languages	28
RMS rated power *	60 W	Picture-in-Picture	✓
Audio output channels	2.2.2 channels	Auto power off	✓

Audio		Management features	
Audio decoders	Dolby Atmos	Works with Amazon Alexa	✓
Q-Symphony	✓	Works with the Google Assistant	✓
Active voice amplifier (AVA)	✓	Works with Samsung Bixby	✓
Adaptive sound+	✓		
Enhanced Audio Return Channel (eARC)	✓		
Network		Power	
Wi-Fi *	✓	Power consumption (typical) *	77 W
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Power consumption (standby) *	0.5 W
Bluetooth *	✓	Energy efficiency class (SDR) *	F
Bluetooth version	5.2	Energy efficiency class (HDR) *	G
Ethernet LAN *	✓	Energy consumption (SDR) per 1000 hours *	77 kWh
Design		Energy consumption (HDR) per 1000 hours *	155 kWh
Product colour *	Silver	AC input voltage	220 - 240 V
Colour name	Bright Silver	AC input frequency	50 - 60 Hz
VESA mounting *	✓	Energy efficiency scale	A to G
Panel mounting interface	200 x 200 mm	Brand-specific features	
Stand type	Center stand	Samsung technologies (AV/TV)	Motion Xcelerator Turbo Plus
Stand colour	Silver	Weight & dimensions	
Performance		Width (with stand)	1227.4 mm
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)	Depth (with stand)	253 mm
Game mode	✓	Height (with stand)	767.9 mm
Teletext function	✓	Weight (with stand)	20.2 kg
Ambient mode	Ambient Mode+	Width (without stand)	1227.4 mm
Brightness detection	✓	Depth (without stand)	25.9 mm
Colour detection	✓	Height (without stand)	705.6 mm
AI Upscale	✓	Weight (without stand)	17.2 kg
Backlight dimming technology	Local Dimming	Stand width	36.8 cm
Picture processing technology	Neural Quantum Processor 4K, Samsung Real Depth Enhancer	Stand depth	25.3 cm
Noise reduction *	✓	Packaging content	
High Dynamic Range (HDR) supported *	✓	Desktop stand	✓
AMD FreeSync	✓	Cables included	AC
		Remote control included	✓
		Remote control type	TM2360E



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