

Samsung Series 8 QE55QN85CAT 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Silver

Brand : Samsung

Product family: Series 8

Product code:
QE55QN85CATXZT

Product name : QE55QN85CAT

Samsung Series 8 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")	Picture processing technology	Neural Quantum Processor 4K, Samsung Real Depth Enhancer
HD type *	4K Ultra HD	Noise reduction *	✓
Display technology *	Neo QLED	AMD FreeSync	✓
LED backlighting type	Mini LED	AMD FreeSync type	FreeSync Premium Pro
Screen shape *	Flat	Game features	Game Bar 3.0, Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, Super Ultra Wide Game View
Native aspect ratio *	16:9		Supreme UHD Dimming, Motion Xcelerator Turbo+
Supported graphics resolutions	3840 x 2160		
Native refresh rate	120 Hz	Brand specific technologies	
Dynamic contrast ratio marketing name	Quantum Matrix Technology	4K Ultra HD upscaling	✓
Display resolution *	3840 x 2160 pixels	SmartThings app support	✓
Display diagonal (metric)	138 cm	Tap view	✓
TV tuner		Adaptive picture	✓
Tuner type *	Analog & digital	Wireless Dex support	✓
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	Multi View	✓
Number of tuners	2 tuner(s)	TV sound to mobile device	✓
Auto channel search	✓	Parental control	✓
Smart TV		USB recording *	✓
Smart TV *	✓	Ports & interfaces	
Internet TV *	✓	Ethernet LAN (RJ-45) ports *	1
Operating system installed *	Tizen	USB 2.0 ports quantity *	2
Screen mirroring	✓	Digital audio optical out	1
Sound mirroring	✓	RF ports quantity	2
Hybrid Broadcast Broadband TV (HbbTV)	✓	Common interface Plus (CI+) *	✓
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3	Common interface Plus (CI+) version	1.4
TV initiate mirroring	✓	HDMI ports quantity *	4
Universal guide	✓	PC in (D-Sub) *	✗
Audio		Consumer Electronics Control (CEC)	Anynet+
RMS rated power *	60 W	AC (power) in	✓
Audio output channels	2.2.2 channels	Management features	
Audio decoders	Dolby Atmos	Voice control	✓
Q-Symphony	✓	Electronic Programme Guide (EPG)	✓

Audio		Management features	
Active voice amplifier (AVA)	✓	On Screen Display (OSD)	✓
Adaptive sound+	✓	Picture-in-Picture	✓
Enhanced Audio Return Channel (eARC)	✓	Auto power off	✓
Network		Works with Amazon Alexa	✓
Wi-Fi *	✓	Works with the Google Assistant	✓
Ethernet LAN *	✓	Works with Samsung Bixby	✓
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Power	
Bluetooth *	✓	Energy efficiency class (SDR) *	F
Bluetooth version	5.2	Energy efficiency class (HDR) *	G
Design		Energy consumption (SDR) per 1000 hours *	77 kWh
Colour name	Bright Silver	Energy consumption (HDR) per 1000 hours *	155 kWh
VESA mounting *	✓	Energy efficiency scale	A to G
Panel mounting interface	200 x 200 mm	Weight & dimensions	
Product colour *	Silver	Width (with stand)	1227.4 mm
Stand type	Center stand	Depth (with stand)	253 mm
Stand colour	Silver	Height (with stand)	767.9 mm
Performance		Weight (with stand)	20.2 kg
High Dynamic Range (HDR) supported *	✓	Width (without stand)	1227.4 mm
High Dynamic Range (HDR) technology	Neo Quantum HDR, High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)	Depth (without stand)	25.9 mm
Game mode	✓	Height (without stand)	705.6 mm
Teletext function	✓	Weight (without stand)	17.2 kg
Ambient mode	Ambient Mode+	Stand width	36.8 cm
Brightness detection	✓	Stand depth	25.3 cm
Colour detection	✓	Packaging data	
AI Upscale	✓	Desktop stand	✓
Local dimming	✓	Cables included	AC
		Remote control included	✓
		Remote control type	TM2360E



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