

## Samsung Series 9 QE85QN90CAT 2.16 m (85") 4K Ultra HD Smart TV Wi-Fi Carbon

**Brand :** Samsung

**Product family:** Series 9

**Product code:**  
QE85QN90CATXZT

**Product name :** QE85QN90CAT

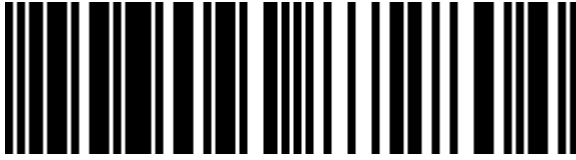


Samsung Series 9 QE85QN90CAT. Display diagonal: 2.16 m (85"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: Neo QLED, Screen shape: Flat, LED backlighting type: Mini LED. Smart TV. Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Carbon



Display		Performance	
Display diagonal *	2.16 m (85")	Noise reduction *	✓
HD type *	4K Ultra HD	High Dynamic Range (HDR) supported *	✓
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	4K Ultra HD upscaling	✓
Supported graphics resolutions	3840 x 2160	SmartThings app support	✓
Native refresh rate	120 Hz	Tap view	✓
Dynamic contrast ratio marketing name	Quantum Matrix Technology	Adaptive picture	✓
Display resolution *	3840 x 2160 pixels	Wireless Dex support	✓
Display diagonal (metric)	216 cm	Multi View	✓
Anti-glare screen	✓	TV sound to mobile device	✓
<b>TV tuner</b>		Parental control	✓
Tuner type *	Analog & digital	USB recording	✓
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	<b>Ports &amp; interfaces</b>	
Number of tuners	2 tuner(s)	Audio Return Channel (ARC)	✓
Auto channel search	✓	PC in (D-Sub) *	✗
<b>Smart TV</b>		Ethernet LAN (RJ-45) ports	1
Smart TV *	✓	USB 2.0 ports quantity *	2
Internet TV *	✓	Digital audio optical out	1
Operating system installed *	Tizen	RF ports quantity	2
Timeshift	✓	Common interface Plus (CI+) *	✓
Screen mirroring	✓	Common interface Plus (CI+) version	1.4
Sound mirroring	✓	HDMI ports quantity *	4
Hybrid Broadcast Broadband TV (HbbTV)	✓	Consumer Electronics Control (CEC)	Anynet+
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3	AC (power) in	✓
TV initiate mirroring	✓		
Universal guide	✓		

<b>Audio</b>		<b>Management features</b>	
RMS rated power *	60 W	Voice control	✓
Audio output channels	4.2.2 channels	Electronic Programme Guide (EPG)	✓
Audio decoders	Dolby Atmos	On Screen Display (OSD)	✓
Object Tracking Sound+ (OTS+)	✓	Picture-in-Picture	✓
Q-Symphony	✓	Auto power off	✓
Active voice amplifier (AVA)	✓	Works with Amazon Alexa	✓
Adaptive sound+	✓	Works with the Google Assistant	✓
Enhanced Audio Return Channel (eARC)	✓	Works with Samsung Bixby	✓
<b>Network</b>		<b>Power</b>	
Wi-Fi *	✓	Energy efficiency class (SDR) *	F
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Energy efficiency class (HDR) *	G
Bluetooth *	✓	Energy consumption (SDR) per 1000 hours *	133 kWh
Bluetooth version	5.2	Energy consumption (HDR) per 1000 hours *	339 kWh
Ethernet LAN *	✓	Energy efficiency scale	A to G
<b>Design</b>		<b>Brand-specific features</b>	
Product colour *	Carbon	Samsung technologies (AV/TV)	Ultimate UHD Dimming, Motion Xcelerator Turbo Plus
Colour name	Carbon Silver		
VESA mounting *	✓		
Panel mounting interface	600 x 400 mm		
Stand type	Center stand		
Stand colour	Silver		
<b>Performance</b>		<b>Weight &amp; dimensions</b>	
High Dynamic Range (HDR) technology	Neo Quantum HDR+, High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)	Width (with stand)	1892.2 mm
Game mode	✓	Depth (with stand)	321.3 mm
Teletext function	✓	Height (with stand)	1143 mm
Ambient mode	Ambient Mode+	Weight (with stand)	49.9 kg
Brightness detection	✓	Width (without stand)	1892.2 mm
Colour detection	✓	Depth (without stand)	27.2 mm
AI Upscale	✓	Height (without stand)	1081.9 mm
Backlight dimming technology	Local Dimming	Weight (without stand)	43.5 kg
Picture processing technology	Neural Quantum Processor 4K, Samsung Real Depth Enhancer	Stand width	41.8 cm
		Stand depth	32.1 cm
		<b>Packaging content</b>	
		Desktop stand	✓
		Cables included	AC
		Remote control included	✓
		Remote control type	TM2360E



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### Catalog Object Cloud



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