

Samsung Series 9 QE55S90CAT 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Black

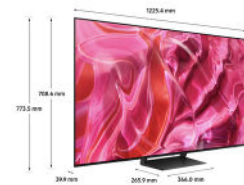
Brand : Samsung

Product family: Series 9

Product code:
QE55S90CATXZT

Product name : QE55S90CAT

Samsung Series 9 QE55S90CAT. Display diagonal: 139.7 cm (55"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: OLED, Screen shape: Flat. Smart TV. Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black



Display		Performance	
Display diagonal *	139.7 cm (55")	AMD FreeSync type	FreeSync Premium
HD type *	4K Ultra HD	Game features	Game Bar 3.0, Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, Super Ultra Wide Game View
Display technology *	OLED		
Screen shape *	Flat		
Native aspect ratio *	16:9	Brand specific technologies	Motion Xcelerator Turbo Pro
Supported graphics resolutions	3840 x 2160	4K Ultra HD upscaling	✓
Native refresh rate	144 Hz	SmartThings app support	✓
Display resolution *	3840 x 2160 pixels	Tap view	✓
Display diagonal (metric)	139.7 cm	Adaptive picture	✓
Anti-glare screen	✓	Wireless Dex support	✓
TV tuner		Multi View	✓
Tuner type *	Analog & digital	TV sound to mobile device	✓
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	Parental control	✓
Number of tuners	2 tuner(s)	USB recording *	✓
Auto channel search	✓	Ports & interfaces	
Smart TV		Audio Return Channel (ARC)	✓
Smart TV *	✓	Ethernet LAN (RJ-45) ports *	1
Internet TV *	✓	USB 2.0 ports quantity *	2
Operating system installed *	Tizen	Digital audio optical out	1
Screen mirroring	✓	RF ports quantity	2
Sound mirroring	✓	Common interface Plus (CI+) *	✓
Hybrid Broadcast Broadband TV (HbbTV)	✓	Common interface Plus (CI+) version	1.4
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3	HDMI ports quantity *	4
TV initiate mirroring	✓	PC in (D-Sub) *	✗
Universal guide	✓	Consumer Electronics Control (CEC)	Anynet+
		AC (power) in	✓

Audio		Management features	
RMS rated power *	40 W	Voice control	✓
Audio output channels	2.1 channels	Electronic Programme Guide (EPG)	✓
Audio decoders	Dolby Atmos	On Screen Display (OSD)	✓
Q-Symphony	✓	Picture-in-Picture	✓
Active voice amplifier (AVA)	✓	Auto power off	✓
Adaptive sound+	✓	Works with Amazon Alexa	✓
Enhanced Audio Return Channel (eARC)	✓	Works with the Google Assistant	✓
		Works with Samsung Bixby	✓
Network		Power	
Wi-Fi *	✓	Energy efficiency class (SDR) *	G
Ethernet LAN *	✓	Energy efficiency class (HDR) *	G
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Energy consumption (SDR) per 1000 hours *	82 kWh
Bluetooth *	✓	Energy consumption (HDR) per 1000 hours *	134 kWh
Bluetooth version	5.2	Energy efficiency scale	A to G
Design		Brand-specific features	
Colour name	Titan Black	Samsung technologies (AV/TV)	Motion Xcelerator Turbo Pro
VESA mounting *	✓	Weight & dimensions	
Panel mounting interface	300 x 200 mm	Width (with stand)	1225.4 mm
Product colour *	Black	Depth (with stand)	265.9 mm
Stand type	Center stand	Height (with stand)	773.5 mm
Stand colour	Black	Weight (with stand)	18.2 kg
Performance		Width (without stand)	1225.4 mm
High Dynamic Range (HDR) supported *	✓	Depth (without stand)	39.9 mm
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)	Height (without stand)	708.6 mm
Game mode	✓	Weight (without stand)	16.2 kg
Teletext function	✓	Stand width	36.6 cm
Ambient mode	Ambient Mode+	Stand depth	26.6 cm
Brightness detection	✓	Packaging data	
Colour detection	✓	Desktop stand	✓
AI Upscale	✓	Cables included	AC
Picture processing technology	Neural Quantum Processor 4K, Samsung Real Depth Enhancer	Remote control included	✓
Noise reduction *	✓	Remote control type	TM2360E
AMD FreeSync	✓		



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