

Samsung Series 9 QE77S90CAT 195.6 cm (77") 4K Ultra HD Smart TV Wi-Fi Black

Brand : Samsung

Product family: Series 9

Product code: QE77S90CATXXU

Product name : QE77S90CAT



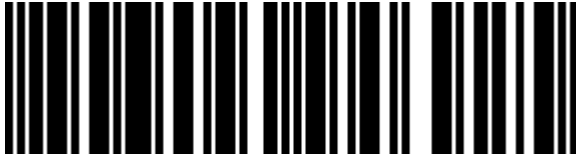
- OLED: Pure blacks and infinite contrast meets vibrant colours from Quantum Dot
- Quantum HDR OLED: Powerful HDR OLED brightness for lifelike picture detail
- Neural Quantum Processor 4K: Our most powerful 4K AI processor upgrades content to 4K resolution
- Anti-Reflection Screen: Experience the brilliant picture from every angle, with minimal distracting glare
- Dolby Atmos®: Virtual surround sound with Dolby Atmos Technology

2023 77" S90C OLED 4K HDR Smart TV

Samsung Series 9 QE77S90CAT. Display diagonal: 195.6 cm (77"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: OLED, Screen shape: Flat. Smart TV. Motion interpolation technology: Motion Xcelerator Turbo Pro, 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 *	195.6 cm (77")	AMD FreeSync	✓
HD type *	4K Ultra HD	AMD FreeSync type	FreeSync Premium
Display technology *	OLED	Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Bar, Game Motion Plus, Super Ultra Wide Game View
Screen shape *	Flat		
Native aspect ratio *	16:9	4K Ultra HD upscaling	✓
Motion interpolation technology *	Motion Xcelerator Turbo Pro	SmartThings app support	✓
Native refresh rate	120 Hz	Wireless Dex support	✓
Display resolution *	3840 x 2160 pixels	Multi View	✓
Display diagonal (metric)	196 cm	MBR support	✓
Anti-glare screen	✓	Smartphone/tablet remote support	✓
TV tuner		USB recording	✓
Tuner type *	Analog & digital	Ports & interfaces	
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	Audio Return Channel (ARC)	✓
Auto channel search	✓	PC in (D-Sub) *	✗
Smart TV		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	4
Timeshift	✓	Common interface (CI) *	✓
Screen 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
Smart modes	Filmmaker, Game, Movie	Consumer Electronics Control (CEC)	Anynet+
Far-field voice interaction	✓	Management features	
Video apps	Samsung TV Plus	Voice control	✓
Audio		Voice guide	✓
Number of speakers *	3	Electronic Programme Guide (EPG)	✓
RMS rated power *	40 W	On Screen Display (OSD)	✓
Audio output channels	2.1 channels	Number of OSD languages	29
Built-in subwoofer	✓	Picture-in-Picture	✓
Audio decoders	Dolby Atmos, Dolby Digital, Dolby Digital Plus	Auto power off	✓
Audio pre-selection descriptor	✓	Works with Samsung Bixby	✓
		Universal Browse & Play	✓

Audio		Power	
Q-Symphony	✓	Power consumption (typical) *	117 W
Music wall	✓	Power consumption (standby) *	0.5 W
Active voice amplifier (AVA)	✓	Power consumption (max)	460 W
Adaptive sound+	✓	Energy efficiency class (SDR) *	F
Multiroom	✓	Energy efficiency class (HDR) *	G
Multiroom audio technology	Samsung Multiroom Link	Energy consumption (SDR) per 1000 hours *	117 kWh
Network		Energy consumption (HDR) per 1000 hours *	188 kWh
Wi-Fi *	✓	AC input voltage	220-240 V
Wi-Fi standards	Wi-Fi 5 (802.11ac)	AC input frequency	50 - 60 Hz
Bluetooth *	✓	Energy saving mode	✓
Bluetooth version	5.2	Energy efficiency scale	A to G
Ethernet LAN *	✓	Brand-specific features	
Web browser	✓	Samsung technologies (AV/TV)	Motion Xcelerator Turbo Pro
Design		Weight & dimensions	
Product colour *	Black	Width (with stand)	1718.5 mm
VESA mounting *	✓	Depth (with stand)	359.8 mm
Panel mounting interface	300 x 200 mm	Height (with stand)	1044.7 mm
Bezel type	4 Bezel-less	Weight (with stand)	38 kg
Stand type	Center stand	Width (without stand)	1718.5 mm
Stand colour	Black	Depth (without stand)	44.9 mm
Performance		Height (without stand)	987.6 mm
High Dynamic Range (HDR) technology	High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), Hybrid Log-Gamma (HLG), Quantum HDR	Weight (without stand)	35.2 kg
Game mode	✓	Stand width	36.6 cm
Teletext function	✓	Stand depth	36 cm
Subtitles function	✓	Packaging data	
Ambient light sensor	✓	Package width	1890 mm
Ambient mode	Ambient Mode+	Package depth	192 mm
Eco sensor	✓	Package height	1182 mm
Brightness detection	✓	Package weight	49.5 kg
Colour detection	✓	Package type	Box
AI Upscale	✓	Packaging content	
TV key support	✓	Cables included	AC
Picture processing technology	Neural Quantum Processor 4K, Samsung Real Depth Enhancer	Remote control included	✓
Noise reduction *	✓	Remote control type	TM2360E (UK + TM1240A)
High Dynamic Range (HDR) supported *	✓	E-manual	✓
Multi-screen	✓		



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