

Samsung Series 9 QE65S90CATXXU TV 165.1 cm (65") 4K Ultra HD Smart TV Wi-Fi Black

Brand : Samsung

Product family: Series 9

Product code:
QE65S90CATXXU

Product name :
QE65S90CATXXU



- Samsung OLED, combining limitless contrast with naturally bright colour
 - Powerful HDR OLED brightness for lifelike picture detail
 - Brightness, colour and detail boosted by our most intelligent AI-powered 4K processor
 - Experience the brilliant picture from every angle, with minimal distracting glare
 - Sound reimagined with Dolby Atmos Technology
- 2023 65" S90C OLED 4K HDR Smart TV, 3840 x 2160 120Hz (Up to 144Hz), Anti Reflection, Neural Quantum Processor 4K, Motion Xcelerator Turbo Pro, Dolby Digital Plus 40W, Tizen, FreeSync Premium, 4x HDMI, 2x USB, Ethernet (LAN), WiFi5, BT5.2, 4 Bezel-less, TITAN BLACK, 95 kWh, TM2360E (UK + TM1240A)

Display		Performance	
Display diagonal *	165.1 cm (65")	Picture processing technology	Neural Quantum Processor 4K, Samsung Real Depth Enhancer
HD type *	4K Ultra HD	Noise reduction *	✓
Display technology *	OLED	Multi-screen	✓
Screen shape *	Flat	AMD FreeSync	✓
Native aspect ratio *	16:9	AMD FreeSync type	FreeSync Premium Pro
Motion interpolation technology *	Motion Xcelerator Turbo Pro	Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, Super Ultra Wide Game View
Native refresh rate	120 Hz	4K Ultra HD upscaling	✓
Display number of colours	1.07 billion colours	SmartThings app support	✓
Display resolution *	3840 x 2160 pixels	Wireless Dex support	✓
Display diagonal (metric)	165 cm	Multi View	✓
Anti-glare screen	✓	MBR support	✓
TV tuner		USB recording *	✗
Tuner type *	Analog & digital	Ports & interfaces	
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	HDMI version	2.1
Number of tuners	2 tuner(s)	Ethernet LAN (RJ-45) ports *	1
Smart TV		USB 2.0 ports quantity *	2
Smart TV *	✓	Digital audio optical out	1
Internet TV *	✓	RF ports quantity	2
Operating system installed *	Tizen	Common interface (CI) *	✓
Timeshift	✓	Common interface Plus (CI+) *	✓
Screen mirroring	✓	Common interface Plus (CI+) version	1.4
Hybrid Broadcast Broadband TV (HbbTV)	✓	HDMI ports quantity *	4
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3	PC in (D-Sub) *	✗
Smart modes	Filmmaker, Game	AC (power) in	✓
Far-field voice interaction	✓	Management features	
Video apps	Samsung TV Plus	Control type	Wireless
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		

Audio		Management features	
Built-in subwoofer	✓	Number of OSD languages	28
Audio decoders	Dolby Atmos	Picture-in-Picture	✓
Audio decoding technologies	Dolby MS12	Auto power off	✓
Audio pre-selection descriptor	✓	Works with Samsung Bixby	✓
Q-Symphony	✓	Universal Browse & Play	✓
Music wall	✓		
Active voice amplifier (AVA)	✓		
Adaptive sound+	✓		
Multiroom	✓		
Multiroom audio technology	Samsung Multiroom Link		
Network		Power	
Wi-Fi *	✓	Energy efficiency class (SDR) *	F
Ethernet LAN *	✓	Energy efficiency class (HDR) *	G
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Energy consumption (SDR) per 1000 hours *	95 kWh
Bluetooth *	✓	Power consumption (typical) *	95 W
Bluetooth version	5.2	Energy consumption (HDR) per 1000 hours *	143 kWh
Web browser	✓	Power consumption (standby) *	0.5 W
Design		Power consumption (max)	360 W
VESA mounting *	✓	AC input voltage	220 - 240 V
Panel mounting interface	300 x 200 mm	AC input frequency	50 - 60 Hz
Product colour *	Black	Energy saving mode	✓
Introduction year	2023	Energy efficiency scale	A to G
Bezel type	4 Bezel-less	Weight & dimensions	
Stand type	Center stand	Width (with stand)	1444.3 mm
Stand colour	Black	Depth (with stand)	265.9 mm
Performance		Height (with stand)	896.6 mm
High Dynamic Range (HDR) supported *	✓	Weight (with stand)	23.1 kg
	High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Hybrid Log-Gamma (HLG), Quantum HDR	Width (without stand)	1444.3 mm
High Dynamic Range (HDR) technology		Depth (without stand)	39.9 mm
Game mode	✓	Height (without stand)	831.7 mm
Teletext function	✓	Weight (without stand)	21.1 kg
Subtitles function	✓	Stand width	36.6 cm
Ambient light sensor	✓	Stand depth	26.6 cm
Ambient mode	Ambient Mode+	Packaging data	
Eco sensor	✓	Cables included	AC
Brightness detection	✓	Remote control included	✓
Colour detection	✓	Remote control type	TM2360E (UK + TM1240A)
AI Upscale	✓	E-manual	✓
TV key support	✓	Package width	1617 mm
		Package depth	160 mm
		Package height	950 mm
		Package weight	30.9 kg
		Package type	Box

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