

## Samsung Series 9 QE55S90CATXXU TV 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Black

**Brand :** Samsung

**Product family:** Series 9

**Product code:**  
QE55S90CATXXU

**Product name :**  
QE55S90CATXXU



- 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 55" S90C OLED 4K HDR Smart TV, 3840 x 2160 120Hz (Up to 144Hz), Dolby Digital Plus, 40W, Tizen, 4K 144Hz (for HDMI 1/2/3/4), Ethernet (LAN), WiFi5, BT5.2, 82 kWh, Energy Efficiency Class G Samsung Series 9 QE55S90CATXXU. 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. 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 *	139.7 cm (55")	Picture processing technology	Neo Quantum Processor 4K, Samsung Real Depth Enhancer
HD type *	4K Ultra HD	Noise reduction *	✓
Display technology *	OLED	AMD FreeSync	✓
Screen shape *	Flat	AMD FreeSync type	FreeSync Premium
Native aspect ratio *	16:9	Game features	Mini Map Zoom, Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, Super Ultra Wide Game View
Motion interpolation technology *	Motion Xcelerator Turbo Pro	Brand specific technologies	Motion Xcelerator Turbo+
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)	139 cm	Multi View	✓
Anti-glare screen	✓	MBR support	✓
<b>TV tuner</b>		USB recording *	✗
Tuner type *	Analog & digital	<b>Ports &amp; interfaces</b>	
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
<b>Smart TV</b>		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
Sound mirroring	✓	HDMI ports quantity *	4
Hybrid Broadcast Broadband TV (HbbTV)	✓	PC in (D-Sub) *	✗
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3	Consumer Electronics Control (CEC)	Anynet+
Smart modes	Filmmaker, Game	AC (power) in	✓
Far-field voice interaction	✓	<b>Management features</b>	
TV initiate mirroring	✓	Control type	Wireless
Video apps	Samsung TV Plus	Voice guide	✓
<b>Audio</b>			
Number of speakers *	3		

<b>Audio</b>		<b>Management features</b>	
RMS rated power *	40 W	Electronic Programme Guide (EPG)	✓
Audio output channels	2.1 channels	On Screen Display (OSD)	✓
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	✓	<b>Power</b>	
Active voice amplifier (AVA)	✓	Energy efficiency class (SDR) *	G
Adaptive sound+	✓	Energy efficiency class (HDR) *	G
Multiroom	✓	Energy consumption (SDR) per 1000 hours *	82 kWh
Multiroom audio technology	Samsung Multiroom Link	Power consumption (typical) *	82 W
<b>Network</b>		Energy consumption (HDR) per 1000 hours *	134 kWh
Wi-Fi *	✓	Power consumption (standby) *	0.5 W
Ethernet LAN *	✓	Power consumption (max)	310 W
Wi-Fi standards	Wi-Fi 5 (802.11ac)	AC input voltage	220 - 240 V
Bluetooth *	✓	AC input frequency	50 - 60 Hz
Bluetooth version	5.2	Energy saving mode	✓
Web browser	✓	Energy efficiency scale	A to G
<b>Design</b>		<b>Brand-specific features</b>	
VESA mounting *	✓	Samsung technologies (AV/TV)	Motion Xcelerator Turbo Plus
Panel mounting interface	300 x 200 mm	<b>Weight &amp; dimensions</b>	
Product colour *	Black	Width (with stand)	1225.4 mm
Introduction year	2023	Depth (with stand)	265.9 mm
Bezel type	4 Bezel-less	Height (with stand)	773.5 mm
Stand type	Center stand	Weight (with stand)	18.2 kg
Stand colour	Black	Width (without stand)	1225.4 mm
<b>Performance</b>		Depth (without stand)	39.9 mm
High Dynamic Range (HDR) supported *	✓	Height (without stand)	708.6 mm
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG), Quantum HDR	Weight (without stand)	16.2 kg
Game mode	✓	Stand width	36.6 cm
Teletext function	✓	Stand depth	26.6 cm
Subtitles function	✓	<b>Packaging data</b>	
Ambient light sensor	✓	Cables included	AC
Ambient mode	Ambient Mode+	Remote control included	✓
Eco sensor	✓	Remote control type	TM2360E (UK + TM1240A)
Brightness detection	✓	E-manual	✓
Colour detection	✓	Package width	1385 mm
AI Upscale	✓	Package depth	153 mm
TV key support	✓	Package height	833 mm
		Package weight	24.4 kg
		Package type	Box

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 07-NOV-2023. Prints or copies of Information are only valid on the printed Publication date