

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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