

# S90C OLED TV



## PRODUCT HIGHLIGHTS

- OLED Technology
- Neural Quantum Processor with 4K Upscaling<sup>1</sup>
- HDR OLED<sup>12</sup>
- Pantone Validated™<sup>11</sup>
- Dolby Atmos™ and Object Tracking Sound Lite

## SIZE CLASS

- 83" 83S90CAE
- 77" 77S90CAF
- 65" 65S90CAF
- 55" 55S90CAF



Prepare to be captivated. Whether you prefer dramatic thrillers or fantasy football, lose yourself in the viewing adventure with a contrast-rich picture. Let your picture do the talking with the sleek and thin LaserSlim design. You'll see pure blacks, bright whites and dramatic color, while the audio pulls you into the action thanks to Dolby Atmos™<sup>®</sup> built-in and Object Tracking Sound Lite. The Samsung OLED experience doesn't stop there—shifting adventures is a breeze with access to the latest Smart TV apps and Samsung Gaming Hub<sup>®</sup>.

## KEY FEATURES

### Picture

- OLED Technology
- 4K Resolution and AI Upscaling
- HDR OLED<sup>12</sup>
- Neural Quantum Processor 4K<sup>1</sup>
- Motion Xcelerator Turbo+ (120Hz)<sup>13</sup>
- Pantone Validated™ Color
- Ultra Viewing Angle
- Real Depth Enhancer
- FreeSync Premium
- Auto Game Mode (ALLM)
- Super Ultra wide Game View & Game Bar 3.0<sup>2</sup>
- Mini Map Zoom

### Design

- Laser Slim Design
- Titan Black Stand

### Smart Features

- Smart TV Powered by Tizen™
- Universal Guide
- Ambient Mode+<sup>3</sup>
- Built-in Voice Assistant<sup>4</sup>
- Samsung TV Plus
- Multi View<sup>5</sup>
- SmartThings Compatible<sup>6</sup>
- Samsung Health<sup>7</sup>
- ConneCTime
- Telemedicine
- Samsung Gaming Hub<sup>11</sup>

### Connections

- 4 HDMI Ports
- HDMI 2.1 Features Supported<sup>8</sup>:
  - Auto Low Latency Mode (ALLM) supported on all ports
  - Fixed Rate Link up to 4K @ 120Hz, on all four ports<sup>13</sup>
  - Refresh Rate up to 120 Hz, supported on all ports<sup>13</sup>
  - Variable Refresh Rate (VRR), supported on all ports
- Enhanced Audio Return Channel (eARC), supported on HDMI 3
- LAN Port

- Wi-Fi 5
- Bluetooth® 5.2
- RS-232C Control (Ex-Link)
- IP Control Support<sup>9</sup>
- Digital Audio Output (Optical)

### Audio

- Dolby Atmos and Object Tracking Sound Lite
- Q-Symphony<sup>10</sup>
- Active Voice Amplifier
- 40 Watt 2.1 channel

### Included Accessories

- SolarCell Remote™ (TM-2360E)

### Industry Certifications

- Filmmaker Mode

<sup>1</sup>As compared to 2022 Samsung OLED TVs. <sup>2</sup>Utilizes AI-Based formulas. <sup>3</sup>Best experience with PC games supporting Ultra Wide Game View. <sup>4</sup>Background feature accuracy may vary based on TV location and is dependent on wall designs, patterns and/or colors. SmartThings app on a mobile device (Android, iOS) is required for some functionality. App features may be limited at launch; please continue to check for updates. <sup>5</sup>Amazon, Alexa, and all related logos are trademarks of Amazon.com, Inc. or its affiliates. YouTube is a trademark of Google LLC. This service may not yet be available at the time of purchase of this product. Apple and related marks and logos are trademarks of Apple Inc. This Samsung TV supports AirPlay 2 and requires iOS 12.3 or later or macOS 10.14.5 or later. <sup>6</sup>Supports up to 2 Videos. Feature availability will vary by mobile device. <sup>7</sup>SmartThings compatible devices only. SmartThings app download may be required. <sup>8</sup>Smart Trainer support devices may vary by country. Partners and content may vary by region. <sup>9</sup>HDMI—CEC (Consumer Electronics Control) facilitates convenient control functions with compatible devices. <sup>10</sup>Requires third-party control system installation. See [www.samsung.com/us/business/custominstall](http://www.samsung.com/us/business/custominstall). <sup>11</sup>Samsung Q-Symphony is compatible with 2022-2023 Samsung OLED. For a complete list of compatible models, please refer to [samsung.com](http://samsung.com) for more information. <sup>12</sup>High speed internet connection, additional gaming service subscriptions and compatible controller required. <sup>13</sup>S90C 55" - 77" have Quantum HDR OLED. <sup>14</sup>S90C 55"-77" have Motion Xcelerator Turbo Pro (up to 144Hz).

**SAMSUNG**

## KEY FEATURES (page 1 of 2)

### PICTURE

#### OLED Technology

Only a powerhouse brand like Samsung can deliver incredible detail and unbelievable screen brightness. Plus, pure blacks and more than a billion shades of color combined with 8.3 million self-illuminating pixels reveals virtually limitless contrast. You'll see your favorite movies, games and more in a whole new light thanks to the mesmerizing picture quality across a full range of gorgeous colors.

#### Neural Quantum Processor with 4K Upscaling<sup>1</sup>

Sit back and be mesmerized as your content is transformed to 4K.

#### HDR OLED<sup>12</sup>

Witness the difference detail can make, with fine-tuned brightness and optimized contrast made possible by self-illuminating pixels.

#### Motion Xcelerator Turbo+<sup>13</sup>

Why go slow when you can play smooth—even during super-fast gaming content. Feel the thrill with smooth performance during even the fastest games and actions scenes. Keep up with the supersonic speed and catch every thrilling frame without lag or motion blur. Instead, you'll enjoy seamless action and sensational 4K visuals at speed up to 120Hz.

#### Ultra Viewing Angle

Pick a seat, any seat. There isn't a bad one in the house thanks to Anti-Glare with Ultra Viewing Angle technology.

#### Super Ultrawide Game View & Game Bar 3.0

Expand your game view and optimize how you play with these winning features. Super Ultrawide Game View for TV lets you change aspect ratios so you can see more of your scene. And with the Game Bar, a menu of tools helps you check input lag, FPS and more.

#### Expert Calibration

Expertly mastered, your picture delivers high-fidelity color on delivery. With professional-grade calibration done before you bring your TV home, enjoy your shows and movies true to the colors they were originally created in.

#### Real Depth Enhancer

Experience depth and dimension on screen just like you do in real life. Ideal for nature shows and other real-life programs, Real Depth Enhancer mirrors how the human eye processes depth by increasing foreground contrast.

#### Pantone™ Validated Color

Enjoy color validated by industry leading experts at Pantone®, so that images on the screen look as incredible as they do in real life.

### DESIGN

#### Laser Slim Design

Let your picture do the talking with the Samsung OLED's LaserSlim design. This sleek TV looks beautiful anywhere—with a depth of only 4mm its virtually bezel-free.

### SMART FEATURES

#### Samsung Smart TV Hub

Finding what everyone wants to watch is effortless with the easy-to-use Samsung Smart TV Hub.

#### Universal Guide

Get tailored recommendations for streaming and live TV all in one place with a simple on-screen guide.

#### Ambient Mode+

Transform your blank screen into the ultimate centerpiece with Ambient Mode+.

#### Built-in Voice Assistant<sup>4</sup>

Just speak up—your favorite Voice Assistant is ready to help. Voice Assistant is built into your Samsung TV. Simply use your voice to find the content you love, control your connected home and more.

#### Samsung TV Plus

Turn on and tune into free live TV with just your WiFi connection. From popular shows and movies to local news and world sports—Samsung TV Plus gives you instant access to live streaming TV content to satisfy any interest, occasion or mood.

#### Multi View<sup>5</sup>

Watch up to four things at once on your TV, including what's on your mobile device.

#### SolarCell Remote

Turn up the volume on sustainability with the innovative SolarCell Remote™. It features a solar panel for charging, as well as other smart features including a built-in microphone to use with your favorite voice assistant.

#### SmartThings Compatible<sup>6</sup>

Take control of your connected devices with SmartThings on your screen. From the comfort of your couch, you can turn off lights, check the door and more—using just your voice or remote. With this built-in app, you've got instant access to them.

#### Samsung Gaming Hub<sup>11</sup>

Where gaming comes together. Stream your favorite games right from your TV. No console required.

#### Samsung Health<sup>7</sup>

Discover how a healthy and balanced lifestyle is just within view. The Samsung Health app gives you the tools to manage your physical and mental fitness all in one place. Find workouts with camera-powered coaching, track your daily activities and more.

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## KEY FEATURES (page 2 of 2)

### CONNECTIONS

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#### HDMI

Connect up to 4 devices with HDMI.

#### Wi-Fi

Enjoy your favorite on-demand content seamlessly through your existing network with built-in Wi-Fi 5.

### AUDIO

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#### Dolby Atmos and Object Tracking Sound Lite

Keep your ears on the action with Dolby Atmos™ and virtual top speakers that follow the story. When a dragon swoops across the screen, 3D sound moves right along with it thanks to Object Tracking Sound Lite.

#### Q-Symphony 3.0

Amp up your audio with the greatest duo of all time—Samsung TVs paired with a Samsung soundbar. With Q-Symphony, your TV speakers paired with Q-Series and S-Series soundbar operate as one. Together, they can optimize all the channels to bring you a masterfully orchestrated sound experience.<sup>14</sup>

#### Active Voice Amplifier

Hear what they said, not guess what you hear. With Active Voice Amplifier, you'll catch the words loud and clear. Made to cut down outside noise, it compares the volume of the sound on screen with your environment and turns up the voices from the TV.

### INCLUDED ACCESSORIES

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SolarCell Remote™ TM2360E

Power Cable

User Manual / E-Manual

### INDUSTRY CERTIFICATIONS

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#### Filmmaker Mode

Watch your movies and TV shows the way the filmmakers intended. This new picture mode preserves the director's creative intent and provides a cinematic experience.

<sup>14</sup> Q-Series and S-Series soundbars sold separately.