S90D 48"-42" OLED 4K TV

PRODUCT HIGHLIGHTS

- OLED Technology
- OLED HDR
- Samsung Gaming Hub[8]
- Game Bar[8]
- Motion Xcelerator 144Hz[2]

SIZE CLASS

48" 48S90DAE

42" 42S90DAE

This premium TV features a detailed image, strong contrast and clear motion. Increased depth and AI-powered 4K upscaling all work to bring clarity to your content.

KEY FEATURES

Picture

- OLED Technology
- OLED HDR
- 4K AI Upscaling[1]
- NQ4 AI Gen2 Processor
- PANTONE Validated
- Motion Xcelerator 144Hz[2]
- EyeComfort Mode
- Ultra Viewing Angle
- Real Depth Enhancer
- FreeSync Premium[15]
- Hue Sync[16]
- Auto Game Mode (ALLM)
- Super Ultra Wide Game View & Game Bar[3]
- Mini Map Zoom
- Anti-Reflection

Design

- Laser Slim Design
- Space Titan Simple Plus Blade Stand[13]

Smart Features[4]

- Samsung Tizen OS
- Universal Guide
- Ambient Mode+
- Built-in Voice Assistant[5]
- Samsung TV Plus
- Samsung Smart Hub
- Multi View
- SmartThings Compatible[6]
- Samsung Health[7]
- ConnecTime
- Samsung Gaming Hub[8]

Connections

- 4 HDMI 2.1 Ports[9]:
  - Auto Low Latency Mode (ALLM) supported on all ports
  - Fixed Rate Link up to 4K @ 144Hz, on all four ports
  - Variable Refresh Rate (VRR), supported on all ports
- Enhanced Audio Return Channel (eARC), supported on HDMI
- LAN Port
- Wi-Fi 5
- Bluetooth® 5.2
- RS-232C Control (Ex-Link)
- IP Control Support[10]
- Digital Audio Output (Optical)

Audio

- Dolby Atmos and Object Tracking Sound Lite
- Q-Symphony[11]
- Active Voice Amplifier Pro
- Adaptive Sound Pro
- 40 Watt 2.1. channel[14]
- 360 Audio

Included Accessories

- SolarCell Remote™ **TM2360E**

Industry Certifications

- Filmmaker Mode[12]

[1] Utilizes AI-based formulas.
[2] 144Hz requires compatible content connection from compatible PCs. Motion Xcelerator 144Hz is sometimes called Motion Xcelerator Turbo+.
[3] Super Ultra Wide Game View is supported for PC games only. Super Ultra Wide Game View is only available for ultra wide supported games. Some game titles may not support the function or be limited to use this feature. Screen resolution change from external device may be required.
[4] Samsung Account required for network-based smart services, including streaming apps and other smart features. Separate [connected] computer, mobile or other device may be necessary to create/log in to Samsung Account (free to download and create). Without Account log in, only external device connections (e.g., via HDMI) and terrestrial/over-the-air TV (only for TVs with tuners) available.
[5] Alexa is built-in.
[6] SmartThings compatible devices only. SmartThings app download may be required.
[7] Subscriptions may be required for some services. Smart Trainer support devices may vary by country. Partners and content may vary by region.
[8] High speed Internet connection, additional gaming service subscriptions, and compatible controller required.
[9] HDMI—CEC (Consumer Electronics Control) facilitates convenient control functions with compatible devices.
[10] Requires third-party control system installation. See www.samsung.com/us/business/custominstall.
[11] Q-Symphony requires compatible 2020-2024 Samsung TV and either a Q-Series or S-soundbar.
[12] FILMMAKER MODE™ logo is a trademark of UHD Alliance, Inc.
[13] S90D 42" has Black Simple Blade Stand.
[14] S90D 42" has 20W 2 Channel
[15] Viewing experience may vary according to types of content and graphics processing unit, as well as network connection speeds and ping levels when gaming on the cloud.
[16] Smart light sold separately. Samsung account required. Additional installation of the Philips Hue Sync app and paid subscription are required. Certain regions only.

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TOP 10 KEY FEATURES

OLED Technology
Discover pure blacks, bright whites and Pantone-validated color—all combined with amazing detail and brightness.

OLED HDR
Full-scale brightness and contrast. With OLED HDR, every pixel is self-illuminated.

Samsung Gaming Hub[1]
Where gaming comes together. Stream your favorite games right from your TV. No console required. You'll also get recommendations on what to play next, based on what you like.

Game Bar[1]
Where gaming comes together. Stream your favorite games right from your TV. No console required. You'll also get recommendations on what to play next, based on what you like.

Motion Xcelerator 144Hz[2]
Play games and content with smooth motion and virtually no lag or blur. Get uninterrupted action with crisp visuals rendered at top speeds, so you always have a seamless, non-stop picture.

Real Depth Enhancer
Experience depth and dimension on screen just like you do in real life. For all content, Real Depth Enhancer mirrors how the human eye processes depth by increasing foreground contrast.

4K AI Upscaling[3]
Content instantly transformed to incredibly sharp up to 4K resolution. Whether you're streaming an HD movie, watching live sports, or looking back at home videos, experience it all transformed into sharp 4K resolution.

Dolby Atmos™ and Object Tracking Sound Lite
Keep your ears on the action with built-in Dolby Atmos™®. You'll hear 3D surround sound that follows the movement on screen using our incredible virtual top channel audio.

NQ4 AI Gen2 Processor
The power behind the 4K picture that actively improves the quality. Utilizing 20 specialized networks the AI-powered processor drives the intuitive Smart TV Hub, Dolby Atmos™ sound, and expertly upscaled 4K resolution.

FreeSync Premium[4]
Built on AMD FreeSync™ core technology to reduce stutter and screen tearing, FreeSync Premium provides a true HDR gaming experience.

[1] High speed Internet connection, additional gaming service subscriptions, and compatible controller required.
[2] 144Hz requires compatible content connection from compatible PCs. Motion Xcelerator 144Hz is sometimes called Motion Xcelerator Turbo+.
[3] Utilizes AI-based formulas.
[4] Viewing experience may vary according to types of content and graphics processing unit, as well as network connection speeds and ping levels when gaming on the cloud.

SAMSUNG

S90D 48"-42" OLED 4K TV

MODELS

MODEL: QN48S90D
ORDER CODE: QN48S90DAEXZA

SCREEN SIZE CLASS: 48"

SCREEN DIAGONAL MEASUREMENT: 47.5"

UPC CODE: 887276842080

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 42.1 x 24.4 x 1.6
- **TV WITH STAND:** 42.1 x 27 x 10.4
- **SHIPPING:** 47.3 x 29.4 x 4.8
- **STAND FOOTPRINT:** 14.4 x 11.8 x 10.4

WEIGHT (LB):

- **TV WITHOUT STAND:** 23.4
- **TV WITH STAND:** 26.2
- **SHIPPING:** 36.4

VESA SUPPORT: Yes (300 x 200)

ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: TM-2360E
- POWER CABLE
- USER MANUAL

MODEL: QN42S90D
ORDER CODE: QN42S90DAEXZA

SCREEN SIZE CLASS: 42"

SCREEN DIAGONAL MEASUREMENT: 41.5"

UPC CODE: 887276842066

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 36.8 x 21.4 x 1.6
- **TV WITH STAND:** 36.8 x 23.9 x 8.1
- **SHIPPING:** 41.4 x 25.9 x 5.2
- **STAND FOOTPRINT:** 1.3 x 7.7 x 8.1

WEIGHT (LB):

- **TV WITHOUT STAND:** 18.3
- **TV WITH STAND:** 19.2
- **SHIPPING:** 26.7

VESA SUPPORT: Yes (200 x 200)

ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: TM-2360E
- POWER CABLE
- USER MANUAL

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