

# Q90T TV



4K ULTRA HD  
CONNECTED

HDR10+

## PRODUCT HIGHLIGHTS

- Direct Full Array 20X<sup>1</sup>
- Ultra Viewing Angle
- Quantum HDR 16X<sup>2</sup>
- Object Tracking Sound™
- Quantum Processor 4K

## SIZE CLASS



4K QLED doesn't get any better than this. Experience razor-sharp clarity and striking contrast thanks to an intuitive array of LED backlighting. All that spectacle is automatically upscaled to 4K quality by a powerful quantum processor. Plus, with Ultra Viewing Angle, every scene looks crisp and clear no matter where you're sitting.

## KEY FEATURES

### Product Type

- QLED TV

### Picture

- Direct Full Array 20X
- Quantum HDR 16X
- Quantum Processor 4K
- 100% Color Volume with Quantum Dot<sup>3</sup>
- 4K UHD
- Real Game Enhancer+™
- Motion Rate 240
- Ultra Viewing Angle
- Adaptive Picture™

### Design

- Boundless Design
- Titan Black Bending Plate Stand

### Smart Features

- Smart TV Powered by Tizen
- Universal Guide
- Ambient Mode+™<sup>4</sup>
- Multiple Voice Assistants<sup>5</sup>
- TV Plus
- Mobile View
- Samsung OneRemote
- SmartThings Compatible

### Connections

- 4 HDMI Connections<sup>6</sup>
- HDMI 2.1 Port 4
- eARC Port 3
- 2 USB Connections
- LAN Port
- 802.11AC built-in Wi-Fi
- Bluetooth®
- RS232 Control (Ex-Link)

- IP Control Support<sup>7</sup>
- Optical Audio Output Port

### Audio

- Object Tracking Sound™
- Q-Symphony
- Active Voice Amplifier
- Dolby® Digital Plus
- 60 Watt 4.2.2 Channel

### Included Accessories

- Samsung OneRemote

### Industry Certifications

- CTA 4K Ultra HD Connected
- HDR10+

<sup>1</sup>Direct Full Array Numerical Index based on backlighting, antireflection and contrast enhancement technologies. Direct Full Array 16X for 75", 65" and 55" models. <sup>2</sup>Quantum HDR 12X on 55" model. <sup>3</sup>QLED televisions can produce 100% Color Volume in the DCI-P3 color space, the format for most cinema screens and HDR movies for television. <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>Built-in Google Assistant may not yet be available at the time of purchase of this product. <sup>6</sup>HDMI—CEC (Consumer Electronics Control) facilitates convenient control functions with compatible devices. <sup>7</sup>Requires third-party control system installation. See [www.samsung.com/us/business/custominstall](http://www.samsung.com/us/business/custominstall).

**SAMSUNG**

SEE BACK FOR DETAILS

## KEY FEATURES (page 1 of 2)

### PICTURE

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#### Direct Full Array 20X

Additional lighting zones behind the screen crisply define the blacks and whites within the picture.

#### Quantum HDR 16X

A wider range of brightness and color come together for a strikingly vivid and cinematic picture.

#### Quantum Processor 4K

This powerful processor uses deep-learning AI to transform everything you watch into stunning 4K.

#### 100% Color Volume with Quantum Dot

Quantum Dots produce over a billion shades of color that stay true to life, even in bright scenes.

#### 4K UHD

See what you've been missing on a crisp, clear picture that's 4X the resolution of Full HD.

#### Real Game Enhancer+™

Engineered to make the TV and gaming console work seamlessly together to reduce lag, tearing and stuttering.

#### Motion Rate 240

Minimizes motion blur on-screen so action-packed movies and sports stay smooth and crisp.

#### Ultra Viewing Angle

Engineered to reduce glare and enhance color, providing a vibrant picture no matter where you sit.

#### Adaptive Picture™

Your TV reacts and adjusts to the lighting conditions around it.

#### HDR Formats Supported

HDR10 (Static MetaData), HDR10+ (Dynamic MetaData), HLG (Hybrid Log Gamma). All Samsung 4K UHD TVs also meet the CTA HDR-Compatible Definition.

### DESIGN

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#### Boundless Design

An ultra-thin bezel on all sides for a stunningly clean look.

### SMART FEATURES

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#### Smart TV Powered by Tizen

Go beyond smart TV with next-gen apps, super-easy control and a host of enhancements that elevate the TV-watching experience.

#### Universal Guide

One simple on-screen guide organizes your streaming and live TV content, while also making recommendations.

#### Ambient Mode+™

Elevates your space by turning a blank screen into décor, artwork, pictures or other visuals.

#### Multiple Voice Assistants

Built-in Alexa, Google Assistant and Bixby voice assistants let you control your TV with your voice, get information and do so much more.

#### TV Plus

Enjoy your favorite content through virtual channels.

#### Mobile View

Easily send smartphone content to your TV to simultaneously display live and casted content, share photos or visualize music.

#### Samsung OneRemote

The sleek and slim OneRemote automatically detects and controls all compatible connected devices and content.

#### SmartThings Compatible

Experience more than TV, with a dashboard for seamlessly controlling your smart home devices and appliances.

## KEY FEATURES (page 2 of 2)

### CONNECTIONS

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#### HDMI

Enjoy higher-quality audio and video with an HDMI connection that transmits both signals over a single cable. Compatible with next-generation Ultra HD Blu-ray™ players and HDR content decoding. Includes 1 Audio Return Channel (ARC).

#### Wi-Fi

Enjoy your favorite on-demand content seamlessly through your existing network with built-in Wi-Fi (802.11AC).

### AUDIO

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#### Object Tracking Sound™

Two top and two bottom built-in TV speakers adjust the sound to follow the action.

#### Q-Symphony

TV and soundbar sound synchronize harmoniously for a more immersive experience.

#### Active Voice Amplifier

Detects noise disturbances and then amplifies the dialogue as needed.

#### Dolby® Digital Plus

Enjoy the ultimate digital sound quality on all your favorite movies, TV shows and streaming content. Dolby Digital Plus optimizes your entertainment experience with enhanced sound richness and clarity.

### INCLUDED ACCESSORIES

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**Samsung OneRemote TM-2050C (Black)**

### INDUSTRY CERTIFICATIONS

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#### 4K Ultra HD Connected

All Samsung 2019 4K UHD and QLED televisions comply with the CTA 4K Ultra High-Definition Connected definition requirements. The trade organization known as the Consumer Technology Association (CTA™) is considered an industry authority on engineering standards for consumer electronics in the United States. Visit [www.cta.tech](http://www.cta.tech) for more information.

#### HDR10+

HDR10+ advances the current industry standard of High Dynamic Range (HDR) and HDR10 TV formats. As an upgraded version of HDR10, HDR10+ adds dynamic metadata to each frame. This optimal HDR data enables advanced chipsets from leading manufacturers to create a true-to-life picture across a wider range of displays.

# Q90T TV

## MODELS

**MODEL:** QN85Q90T  
**ORDER CODE:** QN85Q90TAFXZA

**SCREEN SIZE CLASS:** 85"

**SCREEN DIAGONAL MEASUREMENT:** 84.5"

**UPC CODE:** 887276402208

**COUNTRY OF ORIGIN:** Mexico

**DIMENSIONS (INCHES W x H x D):**

- **TV WITHOUT STAND:** 74.5 x 42.6 x 1.4
- **TV WITH STAND:** 74.5 x 46.2 x 14.4
- **SHIPPING:** 83.3 x 49.2 x 9.6
- **STAND FOOTPRINT:** 16.9 x 11.6 x 14.4

**WEIGHT (LB):**

- **TV WITHOUT STAND:** 111.1
- **TV WITH STAND:** 138.5
- **SHIPPING:** 171.1

**VESA SUPPORT:** Yes (600 x 400)

**ACCESSORIES INCLUDED IN BOX:**

- **REMOTE MODEL:** TM-2050C (Black)

**MODEL:** QN75Q90T  
**ORDER CODE:** QN75Q90TAFXZA

**SCREEN SIZE CLASS:** 75"

**SCREEN DIAGONAL MEASUREMENT:** 74.5"

**UPC CODE:** 887276402192

**COUNTRY OF ORIGIN:** Mexico

**DIMENSIONS (INCHES W x H x D):**

- **TV WITHOUT STAND:** 65.8 x 37.7 x 1.4
- **TV WITH STAND:** 65.8 x 41.3 x 12.5
- **SHIPPING:** 73.1 x 44.1 x 7.7
- **STAND FOOTPRINT:** 15.4 x 10.4 x 12.5

**WEIGHT (LB):**

- **TV WITHOUT STAND:** 85.3
- **TV WITH STAND:** 107.4
- **SHIPPING:** 130.7

**VESA SUPPORT:** Yes (400 x 400)

**ACCESSORIES INCLUDED IN BOX:**

- **REMOTE MODEL:** TM-2050C (Black)

# Q90T TV

## MODELS

**MODEL:** QN65Q90T  
**ORDER CODE:** QN65Q90TAFXZA

**SCREEN SIZE CLASS:** 65"

**SCREEN DIAGONAL MEASUREMENT:** 64.5"

**UPC CODE:** 887276402185

**COUNTRY OF ORIGIN:** Mexico

**DIMENSIONS (INCHES W x H x D):**

- **TV WITHOUT STAND:** 56.9 x 32.6 x 1.4
- **TV WITH STAND:** 56.9 x 36.2 x 11.2
- **SHIPPING:** 64 x 38.2 x 7.3
- **STAND FOOTPRINT:** 13.4 x 11.2 x 10.3

**WEIGHT (LB):**

- **TV WITHOUT STAND:** 58.9
- **TV WITH STAND:** 74.1
- **SHIPPING:** 89.9

**VESA SUPPORT:** Yes (400 x 300)

**ACCESSORIES INCLUDED IN BOX:**

- **REMOTE MODEL:** TM-2050C (Black)

**MODEL:** QN55Q90T  
**ORDER CODE:** QN55Q90TAFXZA

**SCREEN SIZE CLASS:** 55"

**SCREEN DIAGONAL MEASUREMENT:** 54.6"

**UPC CODE:** 887276402178

**COUNTRY OF ORIGIN:** Mexico

**DIMENSIONS (INCHES W x H x D):**

- **TV WITHOUT STAND:** 48.3 x 27.8 x 1.4
- **TV WITH STAND:** 48.3 x 31.3 x 9.3
- **SHIPPING:** 55.5 x 33.2 x 7
- **STAND FOOTPRINT:** 13.5 x 9.5 x 9.3

**WEIGHT (LB):**

- **TV WITHOUT STAND:** 44.3
- **TV WITH STAND:** 53.8
- **SHIPPING:** 68.3

**VESA SUPPORT:** Yes (200 x 200)

**ACCESSORIES INCLUDED IN BOX:**

- **REMOTE MODEL:** TM-2050C (Black)