

# Q90R TV



See back pages for the 82" & 49".



## PRODUCT HIGHLIGHTS

- Direct Full Array 16X<sup>1</sup>
- Quantum Processor 4K
- Ultra Viewing Angle
- Quantum HDR 16X
- 100% Color Volume<sup>2</sup> with Quantum Dot

## SIZE CLASS

82"

82Q90R

75"

75Q90R

65"

65Q90R

4K ULTRA HD<sup>TM</sup>  
CONNECTED

The pinnacle of our 4K TV lineup. And once it draws your eye you'll want to watch more. Colors spring to life in breathtaking new shades with our finest HDR, and a full array of concentrated LED zones reveals hidden details in even the darkest scenes. You need to see it to believe it.

## KEY FEATURES

### Product Type

- QLED

### Picture

- Direct Full Array 16X<sup>1</sup>
- Quantum Processor 4K
- Quantum HDR 16X
- 100% Color Volume<sup>2</sup> with Quantum Dot
- 4K UHD
- Real Game Enhancer
- Motion Rate 240

### Style

- One Invisible Connection<sup>TM</sup>
- One Connect Box<sup>TM</sup>
- No Gap Wall Mount<sup>TM</sup>
- Ultra Viewing Angle
- Boundless 360° Design<sup>TM</sup>
- Bezel Color: Carbon Silver

- Stand Color: Carbon Silver
- Bezel-free Design
- The feet design on 82" screen size varies slightly from the featured image.

### Smart

- Smart TV with Universal Guide
- Bixby on TV
- Ambient Mode<sup>TM</sup>
- Samsung OneRemote
- SmartThings Compatible

### Connections

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

- IP Control Support<sup>4</sup>
- Optical Audio Output Port

### Audio

- Dolby<sup>®</sup> Digital Plus
- 60 Watt 4.2 Channel

### Included Accessories

- Samsung OneRemote
- One Connect Box & Cable

### Industry Certifications

- CTA 4K Ultra HD Connected

<sup>1</sup>Direct Full Array Numerical Index based on backlighting, antireflection and contrast enhancement technologies.

<sup>2</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>3</sup>HDMI—CEC (Consumer Electronics Control) facilitates convenient control functions with compatible devices.

<sup>4</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 16X<sup>1</sup>

Concentrated zones of precision-controlled LEDs display ultra-deep blacks and pure whites.

#### Quantum Processor 4K

An intelligently powered processor instantly upscales content for sharp detail and refined color.

#### Quantum HDR 16X

Discover a new frontier of spectacular color and incredible detail, just as the director intended.

#### 100% Color Volume<sup>2</sup> with Quantum Dot

Delivers the lightest to darkest colors, scene by scene, for amazing picture realism.

#### 4K UHD

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

#### Real Game Enhancer

Helps prevent tearing and stuttering, giving you smooth, lifelike visuals along with cinematic sound.

#### Motion Rate 240

Enjoy smooth, crisp action even in the fastest scenes.

#### 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.

### Style

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#### One Invisible Connection™

One slim cable combines your power and video gear into a single connection to the TV.

#### One Connect Box™

Connects your components to one separate box, not to the back of the TV.<sup>5</sup>

#### No Gap Wall Mount™

Hang your TV snug to the wall with the No Gap Wall Mount™<sup>6</sup> that's easy to install and adjust.

#### Ultra Viewing Angle

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

#### Boundless 360° Design™

The stunning, clean back and virtually bezel-free design keeps your focus on the incredible picture.

### Smart

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#### Smart TV with Universal Guide

Our simple on-screen guide is an easy way to find streaming content and live TV shows.

#### Bixby on TV

Control your TV with just your voice.<sup>7</sup>

#### Ambient Mode™

Complements your space by turning a blank screen into enticing visuals or at-a-glance news.<sup>8</sup>

#### Samsung OneRemote

The sleek and slim OneRemote automatically detects and controls all compatible connected devices and content.<sup>9</sup>

#### SmartThings Compatible

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

<sup>5</sup>One Connect Box may vary by model.

<sup>6</sup>A small gap between the wall and TV may occur if wall is not 100% flat or is constructed off-angle to the floor or if installed incorrectly.

<sup>7</sup>Bixby voice command recognizes English (U.S.), Mandarin Chinese and Korean. Not all accents, dialects and expressions are recognized. The list of features that can be controlled by voice commands via Bixby will continue to expand. Mobile functionality compatible with Samsung Galaxy 8 series or higher with Bixby function. Samsung account log-in and data network (Wi-Fi or internet connection) required to fully operate Bixby features.

<sup>8</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>9</sup>Remote color and design may vary by model.

## 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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#### 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-1950A)**

**One Connect Box™**

**One Invisible Connection™ Cable**

### 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.

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# Q90R TV

## MODELS

**MODEL:** QN82Q90R  
**ORDER CODE:** QN82Q90RAFXZA

**SCREEN SIZE CLASS:** 82"

**SCREEN DIAGONAL MEASUREMENT:** 81.5"

**UPC CODE:** 887276300320

**COUNTRY OF ORIGIN:** Mexico

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

- **TV WITHOUT STAND:** 72.3 x 41.5 x 1.7
- **TV WITH STAND:** 72.3 x 45.2 x 14.4
- **SHIPPING:** 81.9 x 48.2 x 10.6
- **STAND FOOTPRINT:** 16.9 x 14.4 x 11

**WEIGHT (LB):**

- **TV WITHOUT STAND:** 116.8
- **TV WITH STAND:** 145.7
- **SHIPPING:** 175.9

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

**ACCESSORIES INCLUDED IN BOX:**

- **REMOTE MODEL:** TM-1950A
- **ONE CONNECT BOX (WxHxD)(inch):** 15.4 x 2.6 x 5.1
- **OCB FIBER OPTICAL CABLE LENGTH:** 5M (16.4 ft)

**MODEL:** QN75Q90R  
**ORDER CODE:** QN75Q90RAFXZA

**SCREEN SIZE CLASS:** 75"

**SCREEN DIAGONAL MEASUREMENT:** 74.5"

**UPC CODE:** 887276300375

**COUNTRY OF ORIGIN:** Mexico

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

- **TV WITHOUT STAND:** 66 x 37.9 x 1.6
- **TV WITH STAND:** 66 x 41.5 x 12.5
- **SHIPPING:** 73.9 x 44.1 x 8.9
- **STAND FOOTPRINT:** 15.4 x 12.5 x 10.2

**WEIGHT (LB):**

- **TV WITHOUT STAND:** 93.7
- **TV WITH STAND:** 115.7
- **SHIPPING:** 148.8

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

**ACCESSORIES INCLUDED IN BOX:**

- **REMOTE MODEL:** TM-1950A
- **ONE CONNECT BOX (WxHxD)(inch):** 15.4 x 2.6 x 5.1
- **OCB FIBER OPTICAL CABLE LENGTH:** 5M (16.4 ft)

# Q90R TV

## MODELS

**MODEL:** QN65Q90R  
**ORDER CODE:** QN65Q90RAFXZA

**SCREEN SIZE CLASS:** 65"

**SCREEN DIAGONAL MEASUREMENT:** 64.5"

**UPC CODE:** 887276300672

**COUNTRY OF ORIGIN:** Mexico

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

- **TV WITHOUT STAND:** 57.1 x 32.7 x 1.6
- **TV WITH STAND:** 57.1 x 36.3 x 11.2
- **SHIPPING:** 63.8 x 38.2 x 7.8
- **STAND FOOTPRINT:** 13.4 x 11.2 x 9.3

### **WEIGHT (LB):**

- **TV WITHOUT STAND:** 62.4
- **TV WITH STAND:** 76.9
- **SHIPPING:** 107.8

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

### **ACCESSORIES INCLUDED IN BOX:**

- **REMOTE MODEL:** TM-1950A
- **ONE CONNECT BOX (WxHxD)(inch):** 15.4 x 2.6 x 5.1
- **OCB FIBER OPTICAL CABLE LENGTH:** 5M (16.4 ft)