

Q80T TV



4K ULTRA HD™
CONNECTED

HDR10+

PRODUCT HIGHLIGHTS

- Direct Full Array 12X¹
- Quantum HDR 12X²
- Quantum Processor 4K
- Object Tracking Sound™³
- 100% Color Volume with Quantum Dot⁴

SIZE CLASS



As intelligent as it is beautiful. A smart TV interface learns the content you like and makes suggestions based on what you watch. Concentrated zones of LED backlighting deliver heightened contrast and impeccable detail. And with Object Tracking Sound, you won't just see the action, you'll feel it in your bones.

KEY FEATURES

Picture

- Direct Full Array 12X
- Quantum HDR 12X
- Quantum Processor 4K
- 100% Color Volume with Quantum Dot
- 4K UHD
- Real Game Enhancer+™⁵
- Motion Rate 240⁶
- Ultra Viewing Angle⁷
- Adaptive Picture™

Design

- Boundless Design
- Titan Black Floating Plate Stand

Smart Features

- Smart TV Powered by Tizen
- Universal Guide

- Ambient Mode+™⁸
- Multiple Voice Assistants⁹
- TV Plus
- Mobile View
- Samsung OneRemote
- SmartThings Compatible

Connections

- 4 HDMI Connections¹⁰
- 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 Support¹¹
- Optical Audio Output Port

Audio

- Object Tracking Sound™
- Q-Symphony
- Active Voice Amplifier
- Dolby® Digital Plus
- 60 Watt 2.2 Channel¹²

Included Accessories

- Samsung OneRemote

Industry Certifications

- 4K Ultra HD Connected
- HDR10+

¹Direct Full Array Numerical Index based on backlighting, antireflection and contrast enhancement technologies. Direct Full Array 8X for 49"/50" model. ²Quantum HDR 8X on 49"/50" model. ³OTS not supported on 49"/50" model. ⁴QLED televisions can produce 100% Color Volume in the DCI-P3 color space, the format for most cinema screens and HDR movies for television. ⁵Excludes FreeSync on 49"/50" model. ⁶Motion Rate 120 for 49"/50" model. ⁷Ultra Viewing Angle not supported on 49"/50" model.

⁸Background 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. ⁹The Google Assistant service may not yet be available at the time of purchase of this product; please continue to check for app updates. ¹⁰HDMI—CEC (Consumer Electronics Control) facilitates convenient control functions with compatible devices. ¹¹Requires third-party control system installation. See www.samsung.com/us/business/custominstall. ¹²40W 2.2 Channel for 49"/50" model.

SAMSUNG

SEE BACK FOR DETAILS

KEY FEATURES (page 1 of 2)

PICTURE

Direct Full Array 12X

Controlled backlights offer deeper contrast for richer blacks and brighter whites.

Quantum HDR 12X

Fine-tuned shades of cinematic color make details leap off the screen.

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

Boundless Design

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

SMART FEATURES

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

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

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.

Object Tracking Sound™

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

Active Voice Amplifier

Detects noise disturbances and then amplifies the dialogue as needed.

Q-Symphony

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

INCLUDED ACCESSORIES

Samsung OneRemote TM-2050C (Black)

INDUSTRY CERTIFICATIONS

4K Ultra HD Connected

All Samsung 2020 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 for more information.

HDR10+

HDR10+ advances the current industry standard of High Dynamic Range (HDR) and HDR10 TV formats. As an upgraded version of HDR1, HDR1+ 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.

MODELS

MODEL: QN85Q80T
ORDER CODE: QN85Q80TAFXZA

SCREEN SIZE CLASS: 85"

SCREEN DIAGONAL MEASUREMENT: 84.5"

UPC CODE: 887276389912

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 74.5 x 42.6 x 2.2
- **TV WITH STAND:** 74.5 x 45.8 x 13.3
- **SHIPPING:** 84.5 x 49 x 10.2
- **STAND FOOTPRINT:** 16.5 x 10.5 x 13.3

WEIGHT (LB):

- **TV WITHOUT STAND:** 95.5
- **TV WITH STAND:** 110.5
- **SHIPPING:** 144.6

VESA SUPPORT: Yes (600 x 400)

ACCESSORIES INCLUDED IN BOX:

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

MODEL: QN75Q80T
ORDER CODE: QN75Q80TAFXZA

SCREEN SIZE CLASS: 75"

SCREEN DIAGONAL MEASUREMENT: 74.5"

UPC CODE: 887276389899

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 65.8 x 37.7 x 2.1
- **TV WITH STAND:** 65.8 x 40.8 x 12.5
- **SHIPPING:** 76 x 43.9 x 8.4
- **STAND FOOTPRINT:** 16.5 x 9.8 x 12.5

WEIGHT (LB):

- **TV WITHOUT STAND:** 75.8
- **TV WITH STAND:** 88.8
- **SHIPPING:** 114.6

VESA SUPPORT: Yes (400 x 400)

ACCESSORIES INCLUDED IN BOX:

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

MODELS

MODEL: QN65Q80T
ORDER CODE: QN65Q80TAFXZA

SCREEN SIZE CLASS: 65"

SCREEN DIAGONAL MEASUREMENT: 64.5"

UPC CODE: 887276389875

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 56.9 x 32.7 x 2.1
- **TV WITH STAND:** 56.9 x 35.7 x 11.4
- **SHIPPING:** 63.8 x 38 x 8.4
- **STAND FOOTPRINT:** 15.4 x 9.2 x 11.4

WEIGHT (LB):

- **TV WITHOUT STAND:** 53.1
- **TV WITH STAND:** 61.3
- **SHIPPING:** 80.9

VESA SUPPORT: Yes (400 x 300)

ACCESSORIES INCLUDED IN BOX:

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

MODEL: QN55Q80T
ORDER CODE: QN55Q80TAFXZA

SCREEN SIZE CLASS: 55"

SCREEN DIAGONAL MEASUREMENT: 54.6"

UPC CODE: 887276389851

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 48.3 x 27.8 x 2.1
- **TV WITH STAND:** 48.3 x 30.8 x 10.1
- **SHIPPING:** 57.4 x 33.1 x 7
- **STAND FOOTPRINT:** 15.4 x 9.2 x 10.1

WEIGHT (LB):

- **TV WITHOUT STAND:** 39.5
- **TV WITH STAND:** 46.3
- **SHIPPING:** 59.5

VESA SUPPORT: Yes (200 x 200)

ACCESSORIES INCLUDED IN BOX:

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

MODEL

MODEL: QN50Q80T
ORDER CODE: QN50Q80TAFXZA

SCREEN SIZE CLASS: 50"

SCREEN DIAGONAL MEASUREMENT: 49.5"

UPC CODE: 887276440927

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 43.9 x 25.4 x 2.2
- **TV WITH STAND:** 43.9 x 28.5 x 9.4
- **SHIPPING:** 52.6 x 30.7 x 7
- **STAND FOOTPRINT:** 20.1 x 9.3 x 9.4

WEIGHT (LB):

- **TV WITHOUT STAND:** 30.2
- **TV WITH STAND:** 39.9
- **SHIPPING:** 51.6

VESA SUPPORT: Yes (200 x 200)

ACCESSORIES INCLUDED IN BOX:

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

MODEL: QN49Q80T
ORDER CODE: QN49Q80TAFXZA

SCREEN SIZE CLASS: 49"

SCREEN DIAGONAL MEASUREMENT: 48.5"

UPC CODE: 887276389837

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 43.1 x 25 x 2.2
- **TV WITH STAND:** 43.1 x 28 x 9.4
- **SHIPPING:** 51.9 x 30.2 x 7
- **STAND FOOTPRINT:** 20.1 x 9.3 x 9.4

WEIGHT (LB):

- **TV WITHOUT STAND:** 28.9
- **TV WITH STAND:** 38.6
- **SHIPPING:** 50.3

VESA SUPPORT: Yes (200 x 200)

ACCESSORIES INCLUDED IN BOX:

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