

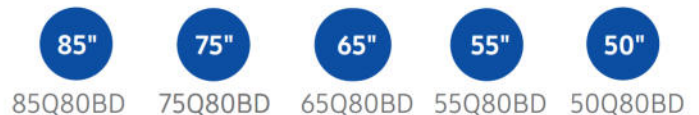
Q80BD TV



PRODUCT HIGHLIGHTS

- Direct Full Array Backlighting
- Quantum Processor with 4K Upscaling⁴
- Quantum HDR 12X³
- Dolby Atmos and Object Tracking Sound+¹
- Ultimate UHD Dimming

SIZE CLASS



Delight in the dazzling details from bold contrast with this QLED 4K. Your picture comes to life with deep blacks and pure whites from the precise backlighting of Direct Full Array. Enjoy all you watch upscaled to 4K⁴ in a range of Quantum HDR 12X³ colors, along with 3D sound that follows the action.

KEY FEATURES

Picture

- 4K UHD
- 4K AI Upscaling⁴
- Direct Full Array
- Quantum HDR 12X³
- Quantum Processor 4K
- 100% Color Volume with Quantum Dot²
- Ultimate UHD Dimming
- Motion Xcelerator Turbo+⁵
- Wide Viewing Angle²⁰
- Adaptive Picture
- FreeSync Premium Pro²⁰
- Auto Game Mode (ALLM)
- Super Ultrawide GameView & Game Bar⁶

Design

- Simple Chamfer Design
- Sand Black Floating Plate Stand

Smart Features

- Smart TV Powered by Tizen
- Universal Guide
- Ambient Mode+⁷
- Multiple Voice Assistants
- Samsung TV Plus
- Multi View⁹
- SmartThings Compatible¹¹
- Samsung Health¹²
- Eye Comfort Mode
- Smart Calibration⁸
- Google Duo²¹
- Smart Hub
- Real Depth Enhancer²²

Connections

- 4 HDMI Ports¹⁴
- HDMI 2.1 Features Supported:
 - Auto Low Latency Mode (ALLM), supported on all ports
 - Fixed Rate Link (FRL) 4K@120Hz, supported on all ports
 - Variable Refresh Rate (VRR), supported on all ports¹⁶
 - Enhanced Audio Return Channel (eARC), supported on one port
- 2 USB 2.0 Connections
- LAN Port

- 802.11AC built-in Wi-Fi5
- Bluetooth®
- RS232 Control (Ex-Link)
- IP Control Support¹⁷
- Optical Audio Output Port

Audio

- Object Tracking Sound+¹
- Q-Symphony¹⁸
- Active Voice Amplifier
- Dolby Atmos
- 60 Watt 4.2.2 Channel¹⁹

Included Accessories

- User Manual and E-Manual
- SolarCell Remote¹⁰ (TM2280E)
- Power Cable

Industry Certifications

- CTA 4K UHD Connected
- Filmmaker Mode

¹50" model has Object Tracking Sound Lite. ²QLED televisions can produce 100% Color Volume in the DCI-P3 color space, the format for most cinema screens and HDR movies for television. ³50" model has Quantum HDR BX. ⁴Upscales to 4K Resolution. Resulting picture may vary based on source content. Utilizes AI-based formulas. ⁵50" model has Motion Xcelerator Turbo. ⁶Best experience with games supporting UltraWide GameView. ⁷Background 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. ⁸Galaxy S21 phone required for use. ⁹Feature availability will vary by mobile device. ¹⁰Remote color and design may vary by model. ¹¹SmartThings compatible devices only. SmartThings app download may be required. ¹²Subscriptions may be required for some services. ¹³Compatible with certain PC and mobile devices. For a complete list of compatible devices, please refer to samsung.com for more information. ¹⁴HDMI—CEC (Consumer Electronics Control) facilitates convenient control functions with compatible devices. ¹⁶Not available on 50" model. ¹⁷Requires third-party control system installation. See www.samsung.com/us/business/custominstall. ¹⁸Q-Symphony is available only with compatible soundbar. Check for Q-Symphony compatibility on soundbar product specifications. ¹⁹40 watt 2.2 channel on 50" model. ²⁰50" Does not have Wide Viewing Angle or FreeSync Premium Pro. ²¹Camera required for use is sold separately. ²²50" has Contrast Enhancer

SAMSUNG

SEE BACK FOR DETAILS

KEY FEATURES (page 1 of 2)

PICTURE

Quantum Processor 4K with 4K Upscaling²³

Enjoy your picture automatically converted to stunning 4K by the intelligent processor.

Quantum HDR 12X | 8X²⁴

Watch how your picture deepens with an amazing range of immersive color.

Direct Full Array

Watch the deep blacks and bright whites pop from LED lights directly behind your screen.

100% Color Volume with Quantum Dot²⁵

Bask in a billion shades of brilliant color at 100% Color Volume, that stay true even in bright scenes

Ultimate UHD Dimming

Watch your favorite shows on a vivid screen with dynamic dimming technology.

Motion Xcelerator Turbo+²⁶

Action movies, sports and games look smooth and fluid up to 4K at 120Hz.

Wide Viewing Angle²⁷

Your view stays brilliant from more angles, from more seats in the room.

Adaptive Picture

Get an optimized picture effortlessly with a lighting system that automatically senses, reacts, and adjusts to the brightness of the space you're in.

FreeSync Premium Pro²⁸

Take down game lag and stuttering—with your TV and console teaming up.

Auto Game Mode (ALLM)

Ultra-low latency means less lag, less drag and more time to win.

Super Ultrawide GameView & Game Bar²⁹

Expand your game view and optimize how you play with these winning features.

DESIGN

Simple Chamfer Design

Stay focused on the picture, not the frame, with an ultra-thin and ultra-sleek minimalist bezel.

SMART FEATURES

Smart TV Powered by Tizen

Go beyond Smart TV with next-gen apps, streaming services, advanced controls, and more.

Universal Guide

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

Ambient Mode+³⁰

Turn the blank screen into a display for captivating photos that play to your aesthetic.

Multiple Voice Assistants

Just speak up—your favorite Voice Assistant is built in and ready to help.

Samsung TV Plus

Enjoy subscription-free TV, movies, sports with 150 channels and growing.

Multi View³¹

Stream your favorite TV show and mirror your compatible phone all on one screen, with multiple sound and layout options.

SolarCell Remote³²

The rechargeable SolarCell Remote makes it easy to access and control all of your compatible connected devices with one simple remote.

SmartThings Compatible³³

Seamlessness is simple with SmartThings that automatically detects, instantly connects to, and intuitively presents all your compatible devices around your TV.

Samsung Health³⁴

Master your wellness routine with content from fitness partners and daily stats from the Samsung Health app.

Google Duo³⁵

Make high-quality video calls with up to 32 people with Google Duo on your TV.

Eye Comfort Mode

Automatically adjusts the amount of blue light from day to night.

Real Depth Enhancer³⁶

Experience depth and dimension on screen just like you do in real life.

Smart Calibration³⁷

Enjoy your screen the way the director intended—in a couple of clicks. With Smart Calibration, you have professional-quality screen calibration at your fingertips. Simply enhance your screen right from your smartphone in only 7 to 12 minutes.

Smart Hub

Easily access your compatible PC, laptop, and mobile content seamlessly on your TV.

²³Upscales to 4K Resolution. Resulting picture may vary based on source content. Utilizes AI-based formulas.

²⁴50" model has Quantum HDR 8X.

²⁵QLED televisions can produce 100% Color Volume in the DCI-P3 color space, the format for most cinema screens and HDR movies for television.

²⁶50" model has Motion Xcelerator Turbo.

²⁷50" Does not have Wide Viewing Angle

²⁸50" does not have FreeSync Premium Pro.

²⁹Best experience with games supporting UltraWide GameView.

³⁰Background 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. ³¹Feature availability will vary by mobile device.

³²Remote color and design may vary by model.

³³SmartThings compatible devices only. SmartThings app download may be required.

³⁴Subscriptions may be required for some services. ³⁵Camera required for use is sold separately. ³⁶50" has Contrast Enhancer

³⁷Galaxy S21 phone required for use.

KEY FEATURES (page 2 of 2)

CONNECTIONS

HDMI

Connect up to 4 devices with HDMI.

Wi-Fi5

Enjoy your favorite on-demand content seamlessly through your existing network with built-in Wi-Fi5 (802.11AC).

AUDIO

Object Tracking Sound+¹

Experience vividly realistic 3D sound that puts you in the middle of the action.

Q-Symphony²

Surround yourself with the sound of your TV and soundbar working in harmony.

Dolby Atmos

Be enveloped by the spectacular cinematic surround sound of Dolby Atmos built right into the TV.

Active Voice Amplifier

Catch every word with the unique Active Voice Amplifier, which detects noise disruptions and automatically boosts the dialogue.

INCLUDED ACCESSORIES

User Manual and E-Manual

Power Cable

SolarCell Remote TM2280E

INDUSTRY CERTIFICATIONS

CTA 4K UHD Connected

All Samsung 2022 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.

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.

¹50" has OTS Lite.

²Q-Symphony is available only with compatible soundbar. Check for Q-Symphony compatibility on soundbar product specifications.

Q80BD TV

MODELS

MODEL: QN85Q80BD
ORDER CODE: QN85Q80BDFXZA

SCREEN SIZE CLASS: 85"

SCREEN DIAGONAL MEASUREMENT: 84.5"

UPC CODE: 887276640037

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:** TM2280E
- **USER MANUAL and E-MANUAL**
- **POWER CABLE**

MODEL: QN75Q80BD
ORDER CODE: QN75Q80BDFXZA

SCREEN SIZE CLASS: 75"

SCREEN DIAGONAL MEASUREMENT: 74.5"

UPC CODE: 887276640006

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 65.8 x 37.7 x 2.2
- **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:** TM2280E
- **USER MANUAL and E-MANUAL**
- **POWER CABLE**

Q80BD TV

MODEL

MODEL: QN65Q80BD
ORDER CODE: QN65Q80BDFXZA

SCREEN SIZE CLASS: 65"

SCREEN DIAGONAL MEASUREMENT: 64.5"

UPC CODE: 887276639987

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 56.9 x 32.7 x 2.2
- **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:** TM2280E
- **USER MANUAL and E-MANUAL**
- **POWER CABLE**

MODEL: QN55Q80BD
ORDER CODE: QN55Q80BDFXZA

SCREEN SIZE CLASS: 55"

SCREEN DIAGONAL MEASUREMENT: 54.6"

UPC CODE: 887276639963

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 48.3 x 27.8 x 2.2
- **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:** TM2280E
- **USER MANUAL and E-MANUAL**
- **POWER CABLE**

MODEL

MODEL: QN50Q80BD
ORDER CODE: QN50Q80BDFXZA

SCREEN SIZE CLASS: 50"

SCREEN DIAGONAL MEASUREMENT: 49.5"

UPC CODE: 887276639949

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 43.9 x 25.4 x 2.1
- **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:** TM2280E
- **USER MANUAL and E-MANUAL**
- **POWER CABLE**