Q80B TV

PRODUCT HIGHLIGHTS

- Direct Full Array Backlighting
- Quantum Processor with 4K Upscaling4
- Quantum HDR 12X³
- Dolby Atmos and Object Tracking Sound¹
- Real Depth Enhancer

SIZE CLASS

85" 75" 65" 55" 50" 40"
85Q80B 75Q80B 65Q80B 55Q80B 50Q80B

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 back lighting of Direct Full Array. Enjoy all you watch upscaled to 4K³ in a range of Quantum HDR 12X³ colors, along with 3D sound that follows the action.

KEY FEATURES

Picture
- 4K UHD
- 4K AI Upscaling⁶
- Direct Full Array
- Quantum HDR 12X³
- Quantum Processor 4K
- 100% Color Volume with Quantum Dot²
- Supreme UHD Dimming
- Motion Xcelerator Turbo³
- Wide Viewing Angle⁵
- Adaptive Picture
- Freesync Premium Pro®
- Auto Game Mode (ALLM)
- Super UltraWide GameView & Game Bar⁴

Design
- Simple Chamfer Design
- Sand Black Floating Plate Stand

Smart Features
- Smart TV Powered by Tizen
- Universal Guide
- Ambient Mode+²
- Multiple Voice Assistants
- Samsung TV Plus
- Multi View⁶
- SmartThings Compatible¹³
- Samsung Health¹²
- Multi View⁹
- Smart Calibration⁶
- 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 ports³⁶
  - Enhanced Audio Return Channel (eARC), supported on one port number
- 2 USB 2.0 Connections
- LAN Port
- 802.11AC built-in Wi-Fi
- Bluetooth®
- RS232 Control (Ex-Link)
- IP Control Support¹⁷
- Optical Audio Output Port

Audio
- Object Tracking Sound¹
- Q-Symphony¹⁸
- Active Voice Amplifier
- Dolby Atmos
- 60 Watt 2.2.2 Channel³⁹

Included Accessories
- SolarCell Remote® TM2280E
- Power Cable

Industry Certifications
- CTA 4K UHD Connected
- Filmmaker Mode

Samsung • TracyLocke
017183  Stud# 017104
TV Spec Sheets

Samsung TV • TracyLocke
017183  Stud# 017104
TV Spec Sheets

Print Code:  • Contact: Steve Shoquist 214-259-3713  • Studio Artist: JRS
Built At: 100%  • Print Scale: None

4-Color Process: Cyan: Magenta: Yellow: Black
Placed Images: TM2180E-QLED-MLED-L503.II (CMYK: 1484.ppi 20.2%) QNS6580AAFXJA_011_front3_1010.jpg (CMYK: 1214.ppi 24.7%)
FMO_LOGO_171_VECTORIZED_GRADIENT_V04.ai (5.2%)

Document Fonts: SamsungOne (800, 400); Samsung Interface (Regular)

150” model has Object Tracking Sound Live. 2QLED televisions can produce 100% Color Volume in the DCI-P3 color space, the format for most cinema screens and HDR movies for Televisions. **7Q** model has Quantum HDR 8X. Updates picture may vary based on source content. Utilizes AI-based formulas. **7Q** model has Motion Xcelerator Turbo. **Best experience with games supporting UltraWide GameView.** 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. Galaxy S21 phone required for use. **Feature availability will vary by device.** Remote color and design may vary by model. **SmartThings compatible devices only.** SmartThings app download may be required. **Subscriptions may be required for some services.** **Compatible with certain PC and mobile devices.** For a complete list of compatible devices, please refer to samsung.com for more information. **HDMI-CEC Consumer Electronics Control facilitates convenient control functions with compatible devices.** **Available on 50” model.** Requires third-party control system installation. See www.samsung.com/us/business/custominstall. **Q-Symphony is available only with compatible soundbar.** **Real for Q-Symphony compatibility on soundbar product specifications.** **40” does not have Wide Viewing Angle or Freesync Premium Pro.** **Camera required for use is sold separately.** **100% Color Volume with Quantum Dot.** **See Back for Details.**
KEY FEATURES (page 1 of 2)

PICTURE

Quantum Processor 4K with 4K Upscaling*27
Enjoy your picture automatically converted to stunning 4K by the intelligent processor.

Quantum HDR 12X | 8X*
Watch how your picture deepens with a lighting system that automatically senses, reacts, and adjusts to the brightness of the space.

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

100% Color Volume with Quantum Dot*25
Bask in a billion shades of brilliant color at 100% Color Volume, that stay true even in bright scenes.

Supreme UHD Dimming
Precisely scans an incredible amount of zones across the entire image and adjusts brightness to deliver darker darks and brighter whites.

Motion Xcelerator Turbo*26
Action movies, sports and games look smooth and fluid up to 4K at 120Hz.

Wide Viewing Angle*27
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 Pro*37
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 Bar*29
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 with 150 channels and growing.

Multi View*27
Stream your favorite TV show and mirror your compatible phone all on one screen, with multiple sound and layout options.

SolarCell Remote*32
The rechargeable SolarCell Remote makes it easy to access and control all of your compatible connected devices with one simple remote.

SmartThings Compatible*33
Seamlessness is simple with SmartThings that automatically detects, instantly connects to, and intuitively presents all your compatible devices around your TV.

Samsung Health*34
Master your wellness routine with content from fitness partners and daily stats from the Samsung Health app.

Google Duo*37
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 Enhancer*36
Experience depth and dimension on screen just like you do in real life.

Smart Calibration*27
Enjoy your screen the way the director intended—in a couple of clicks.

Smart Hub
Experience seamless access to your compatible PC, laptop, and mobile content with one simple remote.

SmartThings
Seamlessly on your TV.

Multi View
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SmartThings
Seamlessly on your TV.
Q80B TV

KEY FEATURES (page 2 of 2)

CONNECTIONS

HDMI
Connect up to 4 devices with HDMI.

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

AUDIO

Object Tracking Sound
Enjoy rich 3D sound that moves with the action happening on screen. From strategically placed speakers, Object Tracking Sound adjusts the audio to follow the movement for a realistic experience that invites you into the movies, sports and games you love.

Q-Symphony
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

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.

1"OTS Lite
2Q-Symphony is available only with compatible soundbar. Check for Q-Symphony compatibility on soundbar product specifications.
## Q80B TV

### MODELS

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<th>MODEL: QN75Q80B</th>
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<td>TV WITH STAND: 74.5 x 45.8 x 13.3</td>
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Q80B TV

MODEL

MODEL: QN65Q80B  
ORDER CODE: QN65Q80BAFXZA

SCREEN SIZE CLASS: 65"  
SCREEN DIAGONAL MEASUREMENT: 64.5"

UPC CODE: 887276639970

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

VESPA SUPPORT: Yes (400 x 300)

ACCESSORIES INCLUDED IN BOX:
- REMOTE MODEL: TM2280E  
- USER MANUAL and E-MANUAL  
- POWER CABLE

MODEL: QN55Q80B  
ORDER CODE: QN55Q80BAFXZA

SCREEN SIZE CLASS: 55"  
SCREEN DIAGONAL MEASUREMENT: 54.6"

UPC CODE: 887276639956

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

VESPA SUPPORT: Yes (200 x 200)

ACCESSORIES INCLUDED IN BOX:
- REMOTE MODEL: TM2280E  
- USER MANUAL and E-MANUAL  
- POWER CABLE
Q80B TV

MODEL

MODEL: QNSQ80B
ORDER CODE: QNSQ80BAFXZA

SCREEN SIZE CLASS: 50"

SCREEN DIAGONAL MEASUREMENT: 49.5"

UPC CODE: 887276640013

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: 45.9 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

VESPA SUPPORT: Yes (200 x 200)

ACCESSORIES INCLUDED IN BOX:
- REMOTE MODEL: TM2280E
- USER MANUAL and E-MANUAL
- POWER CABLE

ACCESSORIES INCLUDED IN BOX:
- REMOTE MODEL: TM2280E
- USER MANUAL and E-MANUAL
- POWER CABLE

SAMSUNG