QN850B TV

PRODUCT HIGHLIGHTS

- Quantum Matrix Pro with Mini LEDs
- Neural Quantum Processor 8K
- Infinity One Design with Slim One Connect
- Quantum HDR 32X
- Dolby Atmos and Object Tracking Sound Pro

SIZE CLASS

85"	75"	65"
85QN850B	75QN850B	65QN850B

This ultra-sharp 8K screen shapes the light for precision color and contrast accuracy using and extensive array of innovative Quantum Mini LEDs. This unleashes over a billion shades of color for incredible realism, while 14-bit processing boosts deep black details. Behind the scenes, AI-Neural Processing drives intuitive Smart Hub controls, Dolby Atmos sound and exquisite 8K upscaling—all for our most immersive picture yet.

KEY FEATURES

Picture

- Quantum Matrix Pro with Mini LEDs
- Real 8K Resolution
- 8K AI Upscaling
- Quantum HDR 32X
- Neural Quantum Processor 8K
- 100% Color Volume with Quantum Dot[1]
- Ultimate 8K Dimming Pro
- Motion Xcelerator Turbo+
- Ultra Viewing Angle
- Real Depth Enhancer
- Anti-Reflection
- Optimized Eye Comfort Mode
- Smart Calibration Pro
- FreeSync Premium Pro
- Auto Game Mode (ALLM)
- Super Ultrawide GameView & Game Bar[2]

Design

- Infinity One Design with Slim One Connect
- Sand Black Stand

Smart Features

- Smart TV Powered by Tizen
- Universal Guide
- Ambient Mode+[3]
- Multiple Voice Assistants[4]
- Samsung TV Plus
- Multi View[5]
- SolarCell Remote™[6]
- SmartThings Compatible[7]
- Samsung Health[8]
- Google Duo
- Music Wall

Connections

- 4 HDMI Ports[10]
- HDMI 2.1 Features Supported:
  - Auto Low Latency Mode (ALLM), supported on all ports
  - Fixed Rate Link (FRL) 4K@120Hz/8K@60Hz, supported on all ports
  - Variable Refresh Rate (VRR), supported on all ports
  - Enhanced Audio Return Channel (eARC), supported on port 3
- 3 USB 2.0 Connections
- LAN Port
- Wi-Fi 6E built-in Wi-Fi
- Bluetooth®
- RS232 Control (Ex-Link)
- IP Control Support[11]
- Optical Audio Output Port

Audio

- Dolby Atmos and Object Tracking Sound Pro
- Q-Symphony[12]
- Active Voice Amplifier
- 90 Watt 6.2.4 Channel

Included Accessories

- SolarCell Remote™ (TM-2280E)
- Attachable Slim One Connect
- One Connect Cables (0.3m, 2.5m in length)
- User Manual and E-Manual
- Power Cable

Industry Certifications

- NextGen TV[13]
- 8K Association
- 8K Ultra HD
- Filmmaker Mode

[1]QLED televisions can produce 100% Color Volume in the DCI-P3 color space, the format for most cinema screens and HDR movies for television.
[2]Best experience with PC games supporting UltraWide GameView.
[3]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.
[4]Amazon, Alexa, and all related logos are trademarks of Amazon.com, Inc. or its affiliates. Google and YouTube are trademarks of Google LLC. This service may not yet be available at the time of purchase of this product. Apple and related marks and logos are trademarks of Apple Inc. This Samsung TV supports AirPlay 2 and requires iOS 12.3 or later or macOS 10.14.5 or later.
[5]Feature availability will vary by mobile device.
[6]Remote color and design may vary by model.
[7]SmartThings compatible devices only. SmartThings app download may be required. Compatible with Zigbee Dongle's SKU is VG-STDB10A/ZA.
[8]Subscriptions may be required for some services.
[10]HDMI-CEC (Consumer Electronics Control) facilitates convenient control functions with compatible devices.
[11]Requires third-party control system installation. See www.samsung.com/us/business/custominstall.
[12]Samsung Q-Symphony is compatible with 2020-2022 Samsung QLED. For a complete list of compatible models, please refer to samsung.com for more information.
[13]The NextGen TV logo is an unregistered trademark of the Consumer Technology Association and is used by permission.

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SEE BACK FOR DETAILS

QN850B TV

KEY FEATURES (page 1 of 2)

PICTURE

Quantum Matrix Pro with Mini LEDs
Experience out-of-this-world detail on a screen made brilliant by a universe of tiny lights. With Quantum Matrix Technology Pro, a staggering grid of Samsung's own Quantum Mini LEDs unleash a billion colors with ultra-fine precision for intense contrast.

Real 8K Resolution with AI Upscaling
Marvel at the details within the details from 8K and the precision of 33 million pixels.

Quantum HDR 32X
Every detail bursts to life with the realistic contrast and brilliance the director intended.

Neural Quantum Processor 8K
For all you watch, experience AI-powered 8K, with 20 distinct neural networks.

100% Color Volume with Quantum Dot
Get a billion brilliant colors that stay true even in bright scenes.

Anti-Reflection
Virtually reflection-free to enjoy shows without distractions.

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

Ultra Viewing Angle
You've got the best view from every seat, no matter where you sit down.

Optimized Eye Comfort Mode
Enjoy an optimized display without lifting a finger. Its lighting system evaluates the brightness of your space to tailor your screen contrast.

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

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

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

DESIGN

Infinity One Design
Immerse yourself in a next level viewing experience with an impossibly slim profile.

Slim One Connect
Keep your eyes on the view, and away from the wires with one tidy box.

SMART FEATURES

Smart Hub
Spend less time searching and more time streaming what you enjoy with Smart Hub.

Smart TV Powered by Tizen
Spend less time searching and more time streaming what you enjoy with Smart Hub.

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

Ambient Mode+
Transform your blank screen into the ultimate centerpiece with Ambient Mode+.

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

Samsung TV Plus
Turn on and tune into free live TV with just your WiFi connection. No subscription necessary.

Multi View
Watch up to four things at once on your TV, including what's on your mobile device.

SolarCell Remote™
The rechargeable SolarCell Remote makes it easy to access and control all of your compatible connected devices with one simple remote. Includes RF harvesting to charge the remote using signals like wifi

SmartThings Compatible
Take control of your connected devices with SmartThings on your screen.

Samsung Health
Discover how a healthy and balanced lifestyle is within view—Samsung Health tools can help.

Music Wall
Create a mesmerizing mood that matches your music, no matter your playlist. When the TV's off, turn on a captivating visual experience that moves to the beat of your music.

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QN850B 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 (Wi-Fi 6).

AUDIO

Object Tracking Sound Pro
Hear what happens where it happens with 3D sound that tracks the action from all corners. With OTS Pro, audio flows from all 4 sides, the center and above your TV to put you right in the middle of the scene for a truly cinematic experience.

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

Active Voice Amplifier
Made to cut down outside noise, it compares the volume of the sound on screen with your environment so you can catch the words loud and clear.

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

INDUSTRY CERTIFICATIONS

NextGen TV
CTA's NextGen TV logo is for devices meeting ATSC 3.0 interoperability test specifications. NextGen TV unlocks new features, additional content—and more control—for broadcast viewers.

8K Association
8K Association Certified TVs feature four times as many pixels as standard 4K TVs for impactfully realistic clarity and deliver exceptional contrast and color for striking high dynamic range performance. Visit https://8kassociation.com/ to learn more.

8K Ultra HD
The 8K UHD logo shown on Samsung QLED 8K TV packaging indicates the product meets the Consumer Technology Association's (CTA) definition for 8K televisions.

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.

INCLUDED ACCESSORIES

SolarCell Remote™ (TM-2280E)

Attachable Slim One Connect

One Connect Cables (0.3m, 2.5m in length)

User Manual and E-Manual

Power Cable

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QN850B TV

MODELS

MODEL: QN85QN850B
ORDER CODE: QN85QN850BFXZA

SCREEN SIZE CLASS: 85"

SCREEN DIAGONAL MEASUREMENT: 84.5"

UPC CODE: 887276626215

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 74.5 x 42.6 x 0.7
- **TV WITH STAND:** 74.5 x 45.3 x 13.4
- **SHIPPING:** 83.2 x 49.6 x 8.7
- **STAND FOOTPRINT:** 14.2 x 11.4 x 13.4

WEIGHT (LB):

- **TV WITHOUT STAND:** 97.7
- **TV WITH STAND:** 121.9
- **SHIPPING:** 157.9

VESA SUPPORT: Yes (600 x 400)

ACCESSORIES INCLUDED IN BOX:

- **REMOTE MODEL: TM-2280E**
- **ATTACHABLE SLIM ONE CONNECT**
- **ONE CONNECT CABLES (0.3m, 2.5m in length)**
- **POWER CABLE**
- **USER MANUAL ٦Ÿ: © ŏ ! Ŗ Ħ ! Ķ**

MODEL: QN75QN850B
ORDER CODE: QN75QN850BFXZA

SCREEN SIZE CLASS: 75"

SCREEN DIAGONAL MEASUREMENT: 74.5"

UPC CODE: 887276626208

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 65.7 x 37.6 x 0.7
- **TV WITH STAND:** 65.7 x 40.3 x 12.5
- **SHIPPING:** 73.7 x 45 x 7.7
- **STAND FOOTPRINT:** 14.2 x 11.3 x 12.5

WEIGHT (LB):

- **TV WITHOUT STAND:** 71
- **TV WITH STAND:** 92.8
- **SHIPPING:** 122.8

VESA SUPPORT: Yes (400 x 400)

ACCESSORIES INCLUDED IN BOX:

- **REMOTE MODEL: TM-2280E**
- **ATTACHABLE SLIM ONE CONNECT**
- **ONE CONNECT CABLES (0.3m, 2.5m in length)**
- **POWER CABLE**
- **USER MANUAL and E-MANUAL**
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QN850B TV

MODEL

MODEL: QN65QN850B
ORDER CODE: QN65QN850BFXZA

SCREEN SIZE CLASS: 65"

SCREEN DIAGONAL MEASUREMENT: 64.5"

UPC CODE: 887276626192

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 56.8 x 32.6 x 0.7
- **TV WITH STAND:** 56.8 x 35.3 x 11.7
- **SHIPPING:** 64 x 37.3 x 8.3
- **STAND FOOTPRINT:** 14.2 x 11.4 x 11.7

WEIGHT (LB):

- **TV WITHOUT STAND:** 51.4
- **TV WITH STAND:** 68.8
- **SHIPPING:** 92.6

VESA SUPPORT: Yes (400 x 300)

ACCESSORIES INCLUDED IN BOX:

- **REMOTE MODEL: TM-2280E**
- **ATTACHABLE SLIM ONE CONNECT**
- **ONE CONNECT CABLES (0.3m, 2.5m in length)**
- **POWER CABLE**
- **USER MANUAL and E-MANUAL**
- **USER MANUAL**

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