

QN850A TV



PRODUCT HIGHLIGHTS

- Quantum Matrix Technology Pro
- Samsung Neo Quantum Processor 8K
- Infinity One Design
- Object Tracking Sound Pro
- Real 8K Resolution¹

SIZE CLASS

- 85" 85QN850A
- 75" 75QN850A
- 65" 65QN850A



Discover the cutting edge of Samsung innovation with awe-inspiring QLED 8K TVs.

KEY FEATURES

Picture

- Quantum Matrix Technology Pro
- Real 8K Resolution
- 8K AI Upscaling²
- Quantum HDR 32X
- Samsung Neo Quantum Processor 8K
- 100% Color Volume with Quantum Dot³
- Ultimate 8K Dimming Pro
- Motion Xcelerator Turbo+
- Ultra Viewing Angle
- Anti-Reflection
- Adaptive Picture™
- FreeSync Premium Pro
- Auto Game Mode (ALLM)
- Super Ultrawide GameView & Game Bar⁴

Design

- Infinity One Design
- Attachable Slim One Connect
- Sand Black Connected Stand

Smart Features

- Smart TV Powered by Tizen
- Universal Guide
- Ambient Mode+⁵
- Multiple Voice Assistants⁶
- TV Plus
- Multi View⁷
- SolarCell Remote™⁸
- SmartThings Compatible⁹
- Samsung Health¹⁰
- PC on TV¹¹

Connections

- 4 HDMI Connections¹²
- HDMI 2.1
- eARC
- 3 USB Connections
- LAN Port
- Wi-Fi 6 built-in Wi-Fi
- Bluetooth®
- RS232 Control (Ex-Link)
- IP Control Support¹³
- Optical Audio Output Port

Audio

- Object Tracking Sound Pro™
- Q-Symphony¹⁴
- SpaceFit Sound
- Active Voice Amplifier
- Dolby® Digital Plus
- 80 Watt 6.2.2 Channel

Included Accessories

- SolarCell Remote™ (TM-2180E)
- One Connect Box

Industry Certifications

- NextGen TV¹⁵
- 8K Association
- CTA 8K Ultra HD Connected
- Filmmaker Mode

¹Upscales to 8K Resolution. Resulting picture may vary based on source content. Utilizes AI-based formulas. ²Native 8K content based on current 8K streaming, connectivity and decoding standards. Future and certain third-party standards not guaranteed or may require additional device/adaptor purchase. ³QLED televisions can produce 100% Color Volume in the DCI-P3 color space, the format for most cinema screens and HDR movies for television. ⁴Best experience with games supporting UltraWide GameView. ⁵Background 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. ⁶Amazon, 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. ⁷Feature availability will vary by mobile device. ⁸Remote color and design may vary by model. ⁹SmartThings compatible devices only. SmartThings app download may be required. ¹⁰Subscriptions may be required for some services. ¹¹Compatible with certain PC and mobile devices. For a complete list of compatible devices, please refer to samsung.com for more information. ¹²HDMI—CEC (Consumer Electronics Control) facilitates convenient control functions with compatible devices. ¹³Requires third-party control system installation. See www.samsung.com/us/business/custominstall. ¹⁴Samsung Symphony is compatible with 2020 and 2021 Samsung QLED. For a complete list of compatible models, please refer to samsung.com for more information. ¹⁵The NEXTGEN TV logo is an unregistered trademark of the Consumer Technology Association and is used by permission.

SAMSUNG

SEE BACK FOR DETAILS

KEY FEATURES (page 1 of 2)

PICTURE

Quantum Matrix Technology Pro

Unimaginable contrast from an immense array of Mini LEDs.

Real 8K Resolution

See every detail come to life in real 8K with 16 times more resolution than HD.

8K AI Upscaling

Intelligent upscaling automatically converts your content to stunning 8K resolution.

Quantum HDR 32X

Brilliant color combined with ultra-dark details delivers a mesmerizing, realistic picture with spectacular clarity.

Samsung Neo Quantum Processor 8K

Enhance every picture to exquisite 8K quality with brilliant, AI-powered multi-layered neural networks.

100% Color Volume with Quantum Dot

Get a billion brilliant colors that stay true even in bright scenes.

Motion Xcelerator Turbo+

Action-packed movies, sports and games are smooth and crisp with minimized motion blur.

Ultra Viewing Angle

No matter where you sit, every seat is the best seat with a clear, vibrant picture.

Anti-Reflection

Stay immersed in the on-screen action with an anti-reflection layer that prevents errant light from distracting you.

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

Dominate the game with less lag, tearing, and stuttering provided by seamless cooperation between your TV and console.

Auto Game Mode (ALLM)

Game faster with an optimized screen that gives you more control with dramatically less lag.

Super Ultrawide GameView & Game Bar

Built-in compatibility with multiple aspect ratios helps you level up your PC gaming and more.

DESIGN

Infinity One Design

A TV as elegant as it is powerful, with modern lines and an ultra-slim profile.

Attachable Slim One Connect

An elegant solution to reducing cable clutter, the Attachable Slim One Connect offers compact flexibility for keeping wires out of sight.

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+

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

Multiple Voice Assistants

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

TV Plus

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

Multi View

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

SolarCell Remote™

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

SmartThings Compatible

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

Samsung Health

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

PC on TV

Easily access your compatible PC, laptop, and mobile content seamlessly on your 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 sound from all four sides of the TV—as well as the center—that follows the action with pinpoint accuracy.

Q-Symphony

Relive the cinema experience with rich, synchronized sound that flows from your TV and sound bar in perfect harmony.

Active Voice Amplifier

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

SpaceFit Sound

Get a tailored sound experience with sensors that optimize it based on the acoustics of your space.

Dolby® Digital Plus

Enjoy the ultimate digital sound quality on all of your favorite movies, TV shows and streaming content. Dolby Digital Plus optimizes your entertainment experience with enhanced sound richness and clarity.

INCLUDED ACCESSORIES

SolarCell Remote™ TM-2180E

One Connect Box

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.

CTA 8K Ultra HD Connected

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.

QN850A TV

MODELS

MODEL: QN85QN850A
ORDER CODE: QN85QN850AFXZA

SCREEN SIZE CLASS: 85"

SCREEN DIAGONAL MEASUREMENT: 84.5"

UPC CODE: 887276521350

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 45.1 x 13.5
- **SHIPPING:** 83.2 x 49.6 x 8.7
- **STAND FOOTPRINT:** 14.2 x 11.4 x 13.5

WEIGHT (LB):

- **TV WITHOUT STAND:** 95.5
- **TV WITH STAND:** 119.7
- **SHIPPING:** 158.1

VESA SUPPORT: Yes (600 x 400)

ACCESSORIES INCLUDED IN BOX:

- **REMOTE MODEL:** TM-2180E
- **ONE CONNECT BOX**

MODEL: QN75QN850A
ORDER CODE: QN75QN850AFXZA

SCREEN SIZE CLASS: 75"

SCREEN DIAGONAL MEASUREMENT: 74.5"

UPC CODE: 887276521329

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 12.6
- **SHIPPING:** 73.7 x 45 x 7.7
- **STAND FOOTPRINT:** 14.2 x 11.4 x 12.6

WEIGHT (LB):

- **TV WITHOUT STAND:** 70.8
- **TV WITH STAND:** 93
- **SHIPPING:** 126.8

VESA SUPPORT: Yes (400 x 400)

ACCESSORIES INCLUDED IN BOX:

- **REMOTE MODEL:** TM-2180E
- **ONE CONNECT BOX**

QN850A TV

MODEL

MODEL: QN65QN850A
ORDER CODE: QN65QN850AFXZA

SCREEN SIZE CLASS: 65"

SCREEN DIAGONAL MEASUREMENT: 64.5"

UPC CODE: 887276521299

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 11.8
- **SHIPPING:** 64 x 37.3 x 7.7
- **STAND FOOTPRINT:** 14.2 x 11.4 x 11.8

WEIGHT (LB):

- **TV WITHOUT STAND:** 50
- **TV WITH STAND:** 67.9
- **SHIPPING:** 95.7

VESA SUPPORT: Yes (400 x 300)

ACCESSORIES INCLUDED IN BOX:

- **REMOTE MODEL:** TM-2180E
- **ONE CONNECT BOX**