

QN850D Samsung Neo QLED 8K TV



PRODUCT HIGHLIGHTS

- Quantum Matrix Pro with Mini LEDs
- Neo Quantum HDR 8K+
- Dolby Atmos™ and Object Tracking Sound Pro
- Real 8K Resolution with AI Upscaling Pro¹
- Motion Xcelerator 165Hz⁵

SIZE CLASS

85"

85QN850D

75"

75QN850D

65"

65QN850D



8K ULTRA HD



This unbelievable TV features a more detailed image, high resolution and great sound. Clear movement and enhanced depth bring extra awe to everything you watch.

KEY FEATURES

Picture

- Quantum Matrix Pro with Mini LEDs
- Neo Quantum HDR 8K+
- Real 8K Resolution with AI Upscaling Pro¹
- AI Motion Enhancer²
- NQ8 AI Gen2 Processor³
- 100% Color Volume with Quantum Dot⁴
- Ultimate 8K Dimming Pro
- Motion Xcelerator 165Hz⁵
- Auto HDR Remastering
- EyeComfort Mode
- Real Depth Enhancer Pro
- Auto Game Mode (ALLM)
- Super Ultrawide Game View & Game Bar⁶
- Mini Map Zoom
- Anti-Reflection

Design

- Infinity One Design
- Titan Black Slim One Connect Stand

Smart Features⁷

- Samsung Tizen OS
- Universal Guide
- Ambient Mode+
- Built-in Voice Assistant⁸
- Samsung TV Plus
- Samsung Smart Hub
- Multi View
- SmartThings Compatible⁹
- Samsung Health¹⁰
- ConneCTime
- Samsung Gaming Hub¹¹

Connections

- 4 HDMI Ports¹²
- HDMI 2.1 Features Supported:
 - Auto Low Latency Mode (ALLM), supported on all ports
 - Fixed Rate Link (FRL) 4K@165Hz/8K@60Hz, supported on all ports
 - Variable Refresh Rate (VRR), supported on all ports
 - Enhanced Audio Return Channel (eARC), supported on port number 3
- 3 x USB-A, 1 x USB-C Connections

- LAN Port
- Wi-Fi 6E built-in Wi-Fi
- Bluetooth 5.2[®]
- RS-232C Control (Ex-Link)
- IP Control Support¹³
- Digital Audio Output (Optical)

Audio

- Dolby Atmos™ and Object Tracking Sound Pro
- Q-Symphony¹⁴
- Active Voice Amplifier Pro
- Adaptive Sound Pro
- 90 Watt 6.2.4 Channel
- 360 Audio

Included Accessories

- SolarCell Remote™ (TM-2360E)
- One Connect Box

Industry Certifications

- NextGen TV¹⁵
- 8K Association
- 8K Ultra HD
- Filmmaker Mode¹⁶

¹ For non-native 8K content, utilizes AI-based formulas to upscale to 8K.

² Utilizes AI-based formulas.

³ Utilizes AI-based formulas to upscale to 8K resolution. Resulting picture may vary based on source content

⁴ QLED televisions can produce 100% Color Volume in the DCI-P3 color space, the format for most cinema screens and HDR movies for television.

⁵ 165Hz is limited to 4K resolution and requires compatible content connection from compatible PCs. Motion Xcelerator 165Hz is sometimes called Motion Xcelerator Turbo 8K+.

⁶ Super Ultra Wide Game View is supported for PC games only. Super Ultra Wide Game View is only available for ultra wide supported games. Some game titles may not support the function or be limited to use this feature. Screen resolution change from external device may be required.

⁷ Samsung Account required for network-based smart services, including streaming apps and other smart features. Separate [connected] computer, mobile or other device may be necessary to create/log in to Samsung Account (free to download and create). Without Account log in, only external device connections (e.g., via HDMI) and terrestrial/over-the-air TV (only for TVs with tuners) available.

⁸ Alexa is built-in.

⁹ SmartThings compatible devices only. SmartThings app download may be required.

¹⁰ Subscriptions may be required for some services. Smart Trainer support devices may vary by country. Partners and content may vary by region.

¹¹ High speed Internet connection, additional gaming service subscriptions, and compatible controller required.

¹² HDMI—CEC (Consumer Electronics Control) facilitates convenient control functions with compatible devices.

¹³ Requires third-party control system installation. See www.samsung.com/us/business/custominstall.

¹⁴ Q-Symphony requires compatible 2020-2024 Samsung TV and either a Q-Series or S-soundbar.

¹⁵ The NextGen TV logo is an unregistered trademark of the Consumer Technology Association and is used by permission.

¹⁶ FILMMAKER MODE™ logo is a trademark of UHD Alliance, Inc.

SAMSUNG

SEE BACK FOR DETAILS

QN850D Samsung Neo QLED 8K TV

TOP 10 KEY FEATURES

Quantum Matrix Pro with Mini LEDs

Discover details you've been missing—even in dark and light scenes. It has 1.5x more lighting zones than normal Quantum Matrix technology for even greater detail.

Neo Quantum HDR 8K+

Take in a hyper-realistic 8K picture with color and contrast. See deep blacks, bright highlights and a wide spectrum of lifelike colors—all in stunning 8K resolution.

Dolby Atmos™ and Object Tracking Sound Pro

Don't just hear the action—feel it with built-in Dolby Atmos® sound. Dramatic 3D audio fills the room as AI Sound tracks the action on screen with pinpoint accuracy.

Real 8K Resolution with AI Upscaling Pro¹

See our clearest picture with our best 8K resolution. It instantly improves as you watch for 4x higher resolution than 4K— for everything from games to movies, all thanks to 512 AI neural networks that help update each scene.

Motion Xcelerator 165Hz²

Play games and content with ultra-smooth motion and virtually no lag or blur. Faster response and rendering mean your button-mashing gets better results with visuals that stay crisp.

Real Depth Enhancer Pro

Experience depth and dimension on screen just like you do in real life. Real Depth Enhancer Pro finds the focal point in each frame and adjusts for a fully dimensional picture.

NQ8 AI Gen2 Processor

See our clear detail, stunning depth, shading and textures that result in a better-than-the-theater experience, in addition to enhancing your audio and total TV performance.

AI Motion Enhancer³

Eliminates motion stutter and sharpens small moving objects to provide the ultimate viewing experience.

Auto HDR Remastering

Elevate your viewing experience with our best 4K color and contrast. AI-based algorithms help create brighter highlights and details.

Samsung Tizen OS³

Stream your favorite shows. Play games. Work out with a trainer. Do all you enjoy with Smart TV Powered by Tizen. Discover your must-have apps and streaming services all just a few clicks away.

¹For non-native 8K content, utilizes AI-based formulas to upscale to 8K.

²165Hz is limited to 4K resolution and requires compatible content connection from compatible PCs. Motion Xcelerator 165Hz is sometimes called Motion Xcelerator Turbo 8K+.

³Samsung Account required for network-based smart services, including streaming apps and other smart features. Separate [connected] computer, mobile or other device may be necessary to create/log in to Samsung Account (free to download and create). Without Account log in, only external device connections (e.g., via HDMI) and terrestrial/over-the-air TV (only for TVs with tuners) available.

QN850D Samsung Neo QLED 8K TV

MODELS

MODEL: QN85QN850D
ORDER CODE: QN85QN850DFXZA

SCREEN SIZE CLASS: 85"

SCREEN DIAGONAL MEASUREMENT: 84.5"

UPC CODE: 887276827599

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 74.5 x 42.4 x 0.7
- **TV WITH STAND:** 74.5 x 45.4 x 12
- **SHIPPING:** 82.3 x 49.6 x 8.7
- **STAND FOOTPRINT:** 14.2 x 11.7 x 12
- **ONE CONNECT BOX:** 14.6 x 1.3 x 13

WEIGHT (LB):

- **TV WITHOUT STAND:** 97.9
- **TV WITH STAND:** 127.2
- **SHIPPING:** 163.1

VESA SUPPORT: Yes (600 x 400)

ACCESSORIES INCLUDED IN BOX:

- **REMOTE MODEL:** TM-2360E
- **SLIM ONE CONNECT BOX**
- **ONE CONNECT CABLES**
- **POWER CABLE**
- **USER MANUAL**

MODEL: QN75QN850D
ORDER CODE: QN75QN850DFXZA

SCREEN SIZE CLASS: 75"

SCREEN DIAGONAL MEASUREMENT: 74.5"

UPC CODE: 887276827582

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 65.7 x 37.4 x 0.7
- **TV WITH STAND:** 65.7 x 40.3 x 11.3
- **SHIPPING:** 73.7 x 44.3 x 7.5
- **STAND FOOTPRINT:** 14.2 x 11.7 x 11.3
- **ONE CONNECT BOX:** 14.6 x 1.3 x 13

WEIGHT (LB):

- **TV WITHOUT STAND:** 70.3
- **TV WITH STAND:** 96.3
- **SHIPPING:** 125.7

VESA SUPPORT: Yes (400 x 400)

ACCESSORIES INCLUDED IN BOX:

- **REMOTE MODEL:** TM-2360E
- **SLIM ONE CONNECT BOX**
- **ONE CONNECT CABLES**
- **POWER CABLE**
- **USER MANUAL**

QN850D Samsung Neo QLED 8K TV

MODEL

MODEL: QN65QN850D

ORDER CODE: QN65QN850DFXZA

SCREEN SIZE CLASS: 65"

SCREEN DIAGONAL MEASUREMENT: 64.5"

UPC CODE: 887276827575

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 56.8 x 32.4 x 0.7
- **TV WITH STAND:** 56.8 x 35.4 x 10.5
- **SHIPPING:** 64 x 37.3 x 8.3
- **STAND FOOTPRINT:** 14.2 x 11.7 x 10.5
- **ONE CONNECT BOX:** 14.6 x 1.3 x 13

WEIGHT (LB):

- **TV WITHOUT STAND:** 49.6
- **TV WITH STAND:** 71.9
- **SHIPPING:** 95.7

VESA SUPPORT: Yes (400 x 300)

ACCESSORIES INCLUDED IN BOX:

- **REMOTE MODEL:** TM-2360E
- **SLIM ONE CONNECT BOX**
- **ONE CONNECT CABLES**
- **POWER CABLE**
- **USER MANUAL**