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
- Quantum Processor 8K
- Infinity One Design with Slim One Connect
- Real Depth Enhancer
- Ultra Viewing Angle
- Anti-Reflection
- Optimized Eye Comfort Mode
- Smart Calibration Pro
- FreeSync Premium Pro
- Auto Game Mode (ALLM)
- Super Ultrawide GameView & Game Bar

Smart Features
- Smart TV Powered by Tizen
- Universal Guide
- Ambient Mode
- Multiple Voice Assistants
- TV Plus
- Multi View
- SolarCell Remote™
- SmartThings Compatible
- Samsung Health
- Google Duo
- Music Wall

Connections
- 4 HDMI Ports
- HDMI 2.1 Features Supported:
  - Auto Low Latency Mode (ALLM), supported on all ports
  - Fixed Rate Link (FRL)
  - 8K@60Hz (4:4:4), 4K@120Hz (4:x:0)
- Variable Refresh Rate (VRR), supported on all ports
- Audio Return Channel (eARC), supported on all ports
- Power Cable
- Multi View
- TV Plus
- Ambient Mode+
- Universal Guide
- Smart TV Powered by Tizen

Audio
- Wi-Fi 6E built-in Wi-Fi
- Bluetooth™
- RS232 Control (Ex-Link)
- IP Control Support
- Optical Audio Output Port

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

Industry Certifications
- NextGen TV®
- 8K Association
- 8K Ultra HD
- Filmmaker Mode

SAMSUNG
SEE BACK FOR DETAILS
**KEY FEATURES**

### 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.

- **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.

- **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.

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

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**SMART FEATURES**

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

- **Smart TV Powered by Tizen**
  Stream your heart out and enjoy all you love with Smart TV Powered by Tizen.

- **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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**SAMSUNG**
QN800B 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**
  - 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**
  - 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.

INCLUDED ACCESSORIES
- **SolarCell Remote™ TM-2280E**
- **One Connect**
- **One Connect Cables** (0.3m, 2.5m in length)
- **Power Cable**
- **User Manual / E-Manual**

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.

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**SAMSUNG**

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**Samsung TV • Tracy Locke**
017183  Studio #017104
TV Spec Sheets

**Sell Sheet • QN900A**
TSS017183_mch_sls_SpecSheets_QN800A.indd
Print Code: -  •  Contact: Steve Shoquist 214-259-3713  •  Studio Artist: JRS
Built At: 100%  •  Print Scale: None
4-Color Process:  •  Cyan:  •  Magenta:  •  Black
Placed Images: None

Document Fonts: SamsungOne (800, 400)
### QN85QN800B TV

**MODEL:** QN85QN800B  
**ORDER CODE:** QN85QN800BFXZA  

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### QN75QN800B TV

**MODEL:** QN75QN800B  
**ORDER CODE:** QN75QN800BFXZA  

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QN800B TV

MODEL

MODEL: QN65QN800B
ORDER CODE: QN65QN800BFXZA

SCREEN SIZE CLASS: 65"

SCREEN DIAGONAL MEASUREMENT: 64.5"

UPC CODE: 887276625591

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 37.5 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
- POWER CABLE
- USER MANUAL

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