QN85B TV

Get next-level premium 4K experiences powered by Quantum Matrix. By using precision Mini LEDs, color and contrast come alive for details to shine. For all you watch, AI-processing refines your Smart Hub and sound, while upsampling your content to 4K—for a brilliant picture, even in bright daylight.

KEY FEATURES

Picture
- Quantum Matrix with Mini LEDs
- 4K Resolution
- 4K AI Upscaling
- Quantum HDR 24x
- Neo Quantum Processor 4K
- 100% Color Volume with Quantum Dot
- Supreme UHD Dimming
- Motion Xcelerator Turbo+
- Ultra Viewing Angle
- Real Depth Enhancer
- Optimized Eye Comfort Mode
- Freesync Premium Pro
- Auto Game Mode (ALLM)
- Super Utralwide GameView & Game Bar

Design
- Neo Slim
- Titan Black Hexagon Plate Stand

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

Connections
- 4 HDMI Ports
- HDMI 2.1 Features Supported:
  - Auto Low Latency Mode (ALLM), supported
  - Fixed Rate Link (FRL)
  - Variable Refresh Rate (VRR), supported
  - Enhanced Audio Return Channel (eARC), supported on all ports
  - Fixed Rate Link (FRL), supported on all ports
  - Auto Low Latency Mode (ALLM), supported
  - Multiple Voice Assistants
  - Samsung Health
  - Music Wall

Audio
- Dolby Atmos and Object Tracking Sound
- Q-Symphony
- Active Voice Amplifier
- 60 Watt 2.2.2 Channel

Included Accessories
- SolarCell Remote

Industry Certifications
- UHD Connected
- Smart TV Powered by Tizen
- Smart Features
- Wi-Fi 5 built-in Wi-Fi
- Bluetooth
- RS232 Control (Ex-Link)
- IP Control Support
- Optical Audio Output Port
- Multi View
- Optimal Voice
- Active Voice Amplifier
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- Wi-Fi 5 built-in Wi-Fi
- Bluetooth
- RS232 Control (Ex-Link)
- IP Control Support
- Optical Audio Output Port

Samsung TV • Tracy Locke
017183 017104
TV Spec Sheets

Sell Sheet • QN800A
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: Yellow: Black
Placed Images: TM41800-QLD-MLED-LG03-11 (CMYK: 1484 ppi: 20.2%)
Q165QN800AFXZA_012_Front3_Stainless-Steel.tif (CMYK: 1214 ppi: 24.7%)
FMO_LOGO-171_VECTORIZED_GRADIENT_V04.ai (5.2%)
8K_UltraHD.EPS (16.24%)
8K_Association_Logo.tif (CMYK: 1634 ppi: 9.18%)

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017183 017104
TV Spec Sheets

Mech Trim: 8.5” x 11”
Mech Live: 8.25” x 10.75”
Mech Bleed: 8.75” x 11.25”
Final Trim: 8.5” x 11”
Final Live: 8.25” x 10.75”
Final Bleed: 8.75” x 11.25”

SEE BACK FOR DETAILS
**KEY FEATURES** (page 1 of 2)

**PICTURE**

Quantum Matrix with Mini LEDs  
Brilliant details shine even in daylight with Quantum Matrix Technology. Powered by a huge grid of Samsung’s ultra-precise Quantum Mini LEDs, it takes exact control of the individual zones of light in your picture for breathtaking color and contrast.

4K Resolution with AI Upscaling  
See every detail you watch instantly transformed to incredibly sharp 4K resolution.

Quantum HDR 24x  
Enjoy the dynamic contrast that has vivid colors jumping off the screen.

Neo Quantum Processor 4K  
See all you enjoy upscaled to spectacular 4K with the AI-based processor.

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.

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.

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

**DESIGN**

Neo Slim Design  
Beautiful from all angles, this TV was made to blend into any room of your home.

**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 2 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.
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 5).

AUDIO

Object Tracking Sound
Sound that moves with the action.

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
Power Cable

INDUSTRY CERTIFICATIONS

4K UHD Connected
All Samsung 2021 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.
## QN85B TV MODELS

### MODEL: QN85QN85B
**ORDER CODE:** QN85QN85BAFXZA
- **SCREEN SIZE CLASS:** 85"
- **SCREEN DIAGONAL MEASUREMENT:** 84.5"
- **UPC CODE:** 887276615295
- **COUNTRY OF ORIGIN:** Mexico
- **DIMENSIONS (INCHES W x H x D):**
  - TV WITHOUT STAND: 74.5 x 42.6 x 1.1
  - TV WITH STAND: 74.5 x 45.1 x 12.9
  - SHIPPING: 84.5 x 49.9 x 9.4
  - STAND FOOTPRINT: 16.5 x 10.6 x 12.9
- **WEIGHT (LB):**
  - TV WITHOUT STAND: 94.1
  - TV WITH STAND: 108.7
  - SHIPPING: 141.3
- **VESAA SUPPORT:** Yes (600 x 400)
- **ACCESSORIES INCLUDED IN BOX:**
  - REMOTE MODEL: TM-2280E
  - POWER CABLE
  - USER MANUAL / E MANUAL

### MODEL: QN75QN85B
**ORDER CODE:** QN75QN85BAFXZA
- **SCREEN SIZE CLASS:** 75"
- **SCREEN DIAGONAL MEASUREMENT:** 74.5"
- **UPC CODE:** 887276615257
- **COUNTRY OF ORIGIN:** Mexico
- **DIMENSIONS (INCHES W x H x D):**
  - TV WITHOUT STAND: 65.7 x 37.7 x 1.1
  - TV WITH STAND: 65.7 x 40.1 x 12.3
  - SHIPPING: 75.9 x 44.2 x 7.8
  - STAND FOOTPRINT: 16.5 x 10.5 x 12.3
- **WEIGHT (LB):**
  - TV WITHOUT STAND: 75
  - TV WITH STAND: 88
  - SHIPPING: 111.3
- **VESAA SUPPORT:** Yes (400 x 400)
- **ACCESSORIES INCLUDED IN BOX:**
  - REMOTE MODEL: TM-2280E
  - POWER CABLE
  - USER MANUAL / E MANUAL
QN85B TV

MODEL

MODEL: QN65QN85B
ORDER CODE: QN65QN85BBAFXZA

SCREEN SIZE CLASS: 65”
SCREEN DIAGONAL MEASUREMENT: 64.5”
UPC CODE: 887276615233
COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):
• TV WITHOUT STAND: 56.9 x 32.6 x 1.1
• TV WITH STAND: 56.9 x 35.1 x 11.2
• SHIPPING: 63.8 x 37.3 x 7.4
• STAND FOOTPRINT: 15.4 x 9.3 x 11.2

WEIGHT (LB):
• TV WITHOUT STAND: 52.2
• TV WITH STAND: 60.2
• SHIPPING: 77.6

VESA SUPPORT: Yes (400 x 300)

ACCESSORIES INCLUDED IN BOX:
• REMOTE MODEL: TM-2280E
• POWER CABLE
• USER MANUAL

MODEL: QN55QN85B
ORDER CODE: QN55QN85BBAFXZA

SCREEN SIZE CLASS: 55”
SCREEN DIAGONAL MEASUREMENT: 54.6”
UPC CODE: 887276615202
COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):
• TV WITHOUT STAND: 48.3 x 27.8 x 1.1
• TV WITH STAND: 48.3 x 30.2 x 10
• SHIPPING: 57 x 32.8 x 6.8
• STAND FOOTPRINT: 14.5 x 8.5 x 10

WEIGHT (LB):
• TV WITHOUT STAND: 37.9
• TV WITH STAND: 44.5
• SHIPPING: 57.5

VESA SUPPORT: Yes (200 x 200)

ACCESSORIES INCLUDED IN BOX:
• REMOTE MODEL: TM-2280E
• POWER CABLE
• USER MANUAL