

QN100B



PRODUCT HIGHLIGHTS

- Quantum Matrix with Mini LEDs
- Infinity All-Metal Design
- Quantum HDR 80x
- 120W Cinema OTS Pro and Dolby Atmos
- Neural Quantum Processor with 4K Upscaling

SIZE CLASS

98"

98QN100B



Dive into our most brilliantly intense 4K experiences, powered by Quantum Matrix with 120W Cinema OTS Pro and Dolby Atmos. By using precision Mini LEDs to create rich color and contrast, incredible details are revealed—even in bright daylight. And with AI-processing, all you watch is upscaled to 4K, while your Smart Hub and sound are fine-tuned on this Infinity All-Metal TV.

KEY FEATURES

Picture

- Quantum Matrix with Mini LEDs
- 4K Resolution
- Quantum HDR 80x
- Neural Quantum Processor with 4K Upscaling
- 100% Color Volume with Quantum Dot¹
- Ultimate UHD Dimming Pro
- Motion Xcelerator Turbo+
- Anti-Glare with Wide Viewing Angle
- Real Depth Enhancer
- EyeComfort Mode
- FreeSync Premium Pro
- Auto Game Mode (ALLM)
- Super Ultrawide GameView & Game Bar²

Design

- Infinity All Metal Design
- Space Carbon Connected Stand

Smart Features

- Smart TV Powered by Tizen
- Universal Guide
- Ambient Mode+³
- Multiple Voice Assistants⁴
- Samsung TV Plus
- Multi View (up to 4 videos)⁵
- SolarCell Remote™⁶
- SmartThings Compatible⁷
- Samsung Health⁸
- Google Duo
- Music Wall
- Samsung Game Hub¹³

Connections

- 4 HDMI Ports¹⁰
- HDMI 2.1 Features Supported: Auto Low Latency Mode (ALLM), supported all ports
 - Fixed Rate Link (FRL)
 - 4K@120Hz supported on all ports
 - Variable Refresh Rate (VRR), supported on all ports
 - Enhanced Audio Return Channel (eARC), supported on one port
- 3 USB 2.0 Connections
- LAN Port

- Wi-Fi 5 built-in Wi-Fi
- Bluetooth®
- RS232 Control (Ex-Link)
- IP Control Support¹¹
- Optical Audio Output Port

Audio

- 120W Cinema OTS Pro and Dolby Atmos
- Q-Symphony¹²
- Active Voice Amplifier
- 120 Watt 6.4.4 Channel

Included Accessories

- SolarCell Remote™ (TM-2280E)
- Attachable Slim One Connect
- Slim Fit Wall Mount
- Power Cable
- Manual and E-Manual

Industry Certifications

- Filmmaker Mode
- 4K UHD Connected

¹QLED televisions can produce 100% Color Volume in the DCI-P3 color space, the format for most cinema screens and HDR movies for television.

²Best experience with PC games supporting UltraWide GameView.

³Accuracy 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. Continue to check for updates.

⁴Amazon, 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.

⁵Feature availability will vary by mobile device.

⁶Remote color and design may vary by model.

⁷SmartThings compatible devices only. SmartThings app download may be required. Compatible with Zigbee Dongle's SKU is VG-STDB10A/ZA.

⁸Subscriptions may be required for some services.

⁹HDMI-CEC (Consumer Electronics Control) facilitates convenient control functions with compatible devices.

¹⁰Requires third-party control system installation. See www.samsung.com/us/business/custominstall.

¹¹Samsung Q-Symphony is compatible with 2020-2022 Samsung QLED. For a complete list of compatible models, please refer to samsung.com for more information.

¹²Paid subscription to a compatible cloud gaming service and high speed internet required. Available on select 2022 Samsung Smart TVs. Controller sold separately.

SAMSUNG

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 everything you watch instantly transformed to incredibly sharp 4K resolution.

Quantum HDR 80x

Indulge your senses in the extreme brilliance of lifelike colors across the full spectrum.

Neural Quantum Processor 4K

Experience everything you watch transformed to 4K by AI-powered neural networks.

100% Color Volume with Quantum Dot

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

Motion Xcelerator Turbo+

Hold onto your seats—your high-speed games and movies are approaching peak performance.

Anti-Glare with Wide Viewing Angle

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

EyeComfort 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

Infinity All Metal Design

Immerse yourself in a next level viewing experience with an impossibly slim, all metal profile.

SMART FEATURES

Samsung 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 4 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

120W Cinema OTS Pro and Dolby Atmos

Hear what happens where it happens with speakers that track the action from all corners.

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

Attachable Slim One Connect

Slim Fit Wall Mount

Power Cable

User Manual / E-Manual

INDUSTRY CERTIFICATIONS

4K UHD Connected

All Samsung 2022 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.

MODELS

MODEL: QN98QN100B
ORDER CODE: QN98QN100BFXZA

SCREEN SIZE CLASS: 98"

SCREEN DIAGONAL MEASUREMENT: 97.5"

UPC CODE: 887276671291

COUNTRY OF ORIGIN: Vietnam

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 85.7 x 49 x 0.8
- **TV WITH STAND:** 85.7 x 51.7 x 14.3
- **SHIPPING:** 93.7 x 56.3 x 13.8
- **STAND FOOTPRINT:** 16.5 x 11.4 x 14.3

WEIGHT (LB):

- **TV WITHOUT STAND:** 151.2
- **TV WITH STAND:** 184.3
- **SHIPPING:** 237.9

VESA SUPPORT: Yes (600 x 400)

ACCESSORIES INCLUDED IN BOX:

SolarCell Remote™ TM-2280E Attachable

Slim One Connect

Power Cable

User Manual / E-Manual