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> [Samsung 65-Inch Class QLED Q8F 4K UHD Smart TV \(2025 Model\) User Manual](#)

## Samsung QN65Q8FAAFXZA

# Samsung 65-Inch Class QLED Q8F 4K UHD Smart TV (2025 Model) User Manual

Model: QN65Q8FAAFXZA

## INTRODUCTION

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This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your Samsung 65-Inch Class QLED Q8F 4K UHD Smart TV (2025 Model). Please read this manual thoroughly before using your television to ensure proper and safe operation.

## IMPORTANT SAFETY INFORMATION

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Always follow basic safety precautions when using this television to reduce the risk of fire, electric shock, and injury. Keep this manual for future reference.

- Do not expose the TV to rain or moisture.
- Do not block ventilation openings.
- Ensure proper grounding of the power cord.
- Do not open the TV casing; refer all servicing to qualified personnel.
- Keep the TV away from heat sources and direct sunlight.
- Use only specified attachments/accessories.

Your TV experiences are secured. Samsung Knox Security defends against harmful apps and phishing sites while keeping sensitive data, such as PINs and passwords, secure. It also safeguards your IoT devices connected to your TV.



# Samsung Knox Security

Secures personal data\* with  
triple-layer protection

\*Personal data includes directly input PIN-codes and passwords, and IoT device information shared through the SmartThings app. The latest software update is required.

Image: Samsung Knox Security logo on a TV screen, illustrating the triple-layer protection feature.

## SETUP

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### Package Contents

Verify that all components are present in the box:

- Samsung 65-Inch QLED TV
- Power Cable
- Remote Control (SolarCell™ Remote TM2560E)
- Stand components
- User Manual (this document)

# SAMSUNG

# 65" Q8F



## Dimensions:

(INCHES W x H x D):

- TV Without Stand: 57.1 x 32.7 x 1
- TV With Stand: 57.1 x 35 x 10.6
- Stand Footprint: 0.7 x 9.3 x 10.6
- Distance between the two ends of the stand: 41.3"

Features and specifications subject to change.

## What's in the box:



TV



User Manual



SolarCell™ Remote  
TM2560E



Power Cable

Image: A diagram illustrating the TV's dimensions and a list of included accessories: TV, User Manual, SolarCell Remote, and Power Cable.

## Unboxing and Handling

The Samsung 65-inch TV weighs approximately 46.7 pounds. It is recommended that two people handle the television during unboxing and setup to prevent damage or injury. Carefully remove the TV from its packaging, ensuring not to apply pressure to the screen.

## Stand Assembly

If using the included stand, attach the stand components securely to the television according to the instructions provided in the separate installation manual. Ensure all screws are tightened to prevent instability.

## Wall Mounting

For wall mounting, consult a professional installer. Ensure the wall mount is compatible with the TV's VESA specifications and can support its weight. Refer to the separate installation manual for detailed wall mounting instructions.

## Connecting Devices

The TV features various ports for connecting external devices:

- **USB-A (5V 0.5A):** Standard rectangular port for power or media playback.
- **USB (HDD 5V 1A):** For connecting external hard drives.
- **Audio Out (Optical):** Delivers high-quality digital audio to soundbars or receivers.
- **HDMI 3 (eARC):** Supports 4K@144Hz for gaming, enhanced audio return channel for high-quality sound and advanced formats.
- **HDMI 1, 2:** Supports 4K@144Hz for gaming, transmits high-definition video and audio from external devices.
- **Ethernet (LAN):** Wired internet connection for streaming, updates, and smart features.
- **Cable/ANT:** Connector for over-the-air antenna or cable TV signals.

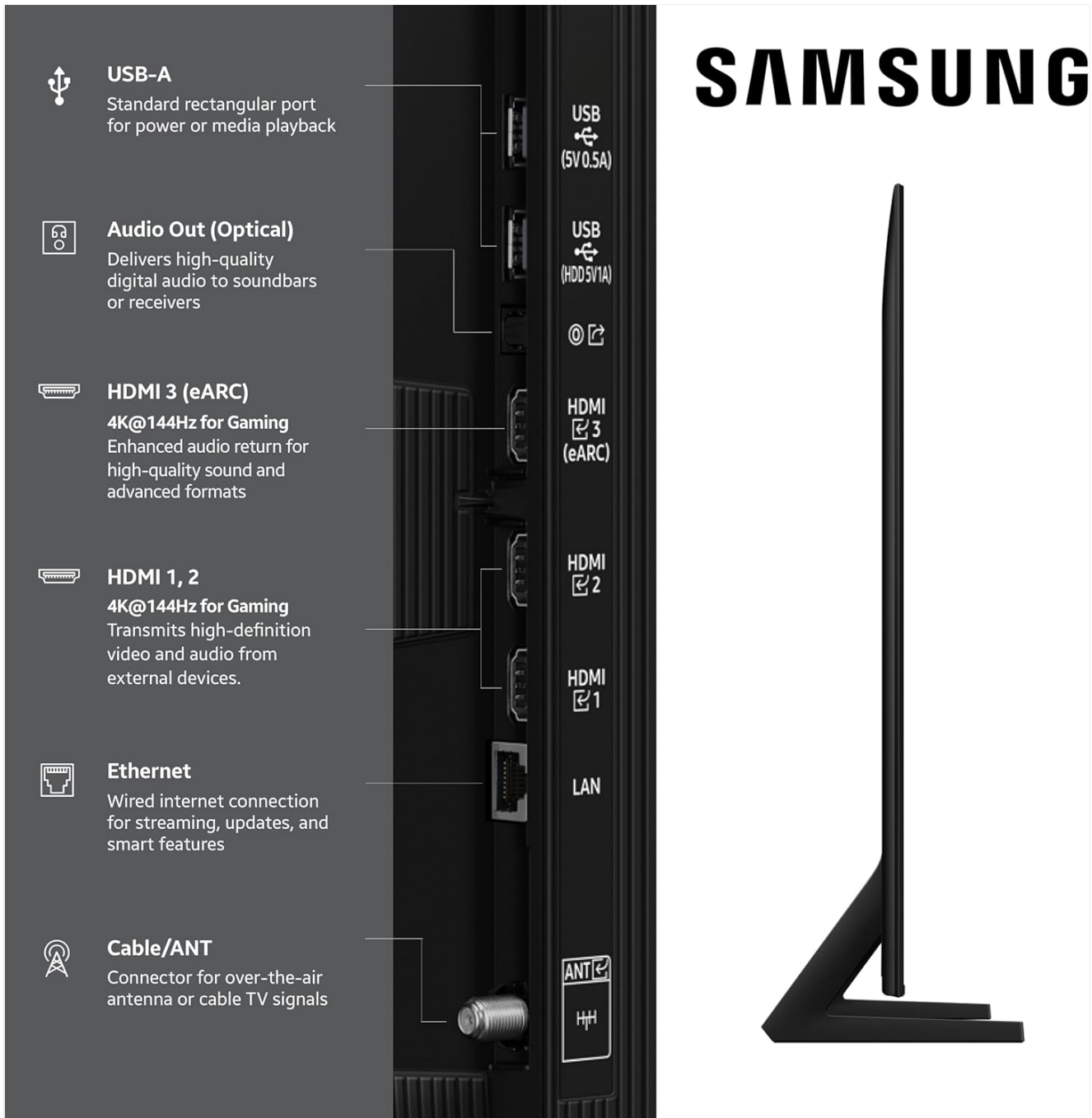


Image: A detailed view of the TV's side and rear panels, highlighting the USB, Optical Audio Out, HDMI, Ethernet, and Cable/ANT ports.

## Initial Power-On and Setup

After connecting the power cable and any external devices, press the power button on the remote control. The TV will guide you through the initial setup process, including:

- **Network Connection:** Connect to your home Wi-Fi network or use an Ethernet cable for a wired connection.
- **Samsung Account:** A Samsung Account is required for network-based smart services, including streaming apps and other smart features. You can create or log in to an account (free). Without an account login, only external device connections (e.g., via HDMI) and terrestrial/over-the-air TV (for TVs with tuners) are available.
- **App Setup:** Install and configure your preferred streaming applications.

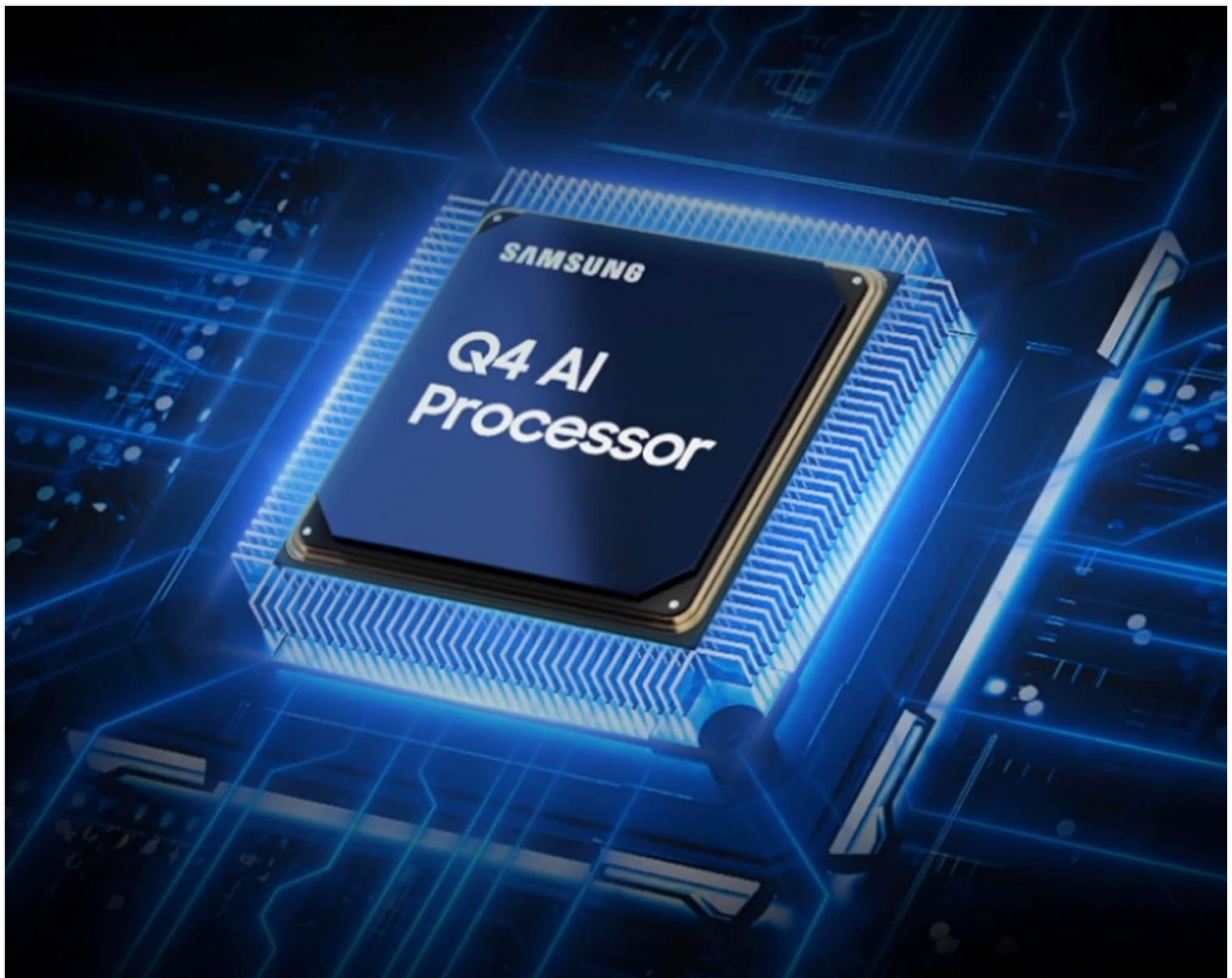
## Remote Control

The included SolarCell™ Remote (TM2560E) is rechargeable via a solar panel on the back or a USB-C cable. It features dedicated buttons for popular streaming services and allows for easy navigation of the TV's interface.

## Picture Quality Features

Your Samsung QLED Q8F TV incorporates advanced technologies for optimal picture performance:

- **Q4 AI Processor:** This processor enhances picture and audio quality, optimizing content to 4K resolution regardless of the source.



### Q4 AI Processor

Powers a dramatically clear 4K picture.

Image: A close-up rendering of the Samsung Q4 AI Processor chip, highlighting its role in picture processing.

- **100% Color Volume with Quantum Dot:** Quantum Dot technology displays over one billion shades across the entire color spectrum, maintaining color accuracy even in bright scenes.



## 100% Color Volume with Quantum Dot

Over a billion colors that don't fade,  
even in the brightest scenes\*

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

Image: A vibrant scene with a woman in a pool, demonstrating the wide color range and brightness achieved with 100% Color Volume and Quantum Dot technology.

- **Quantum HDR+:** This feature provides a wide range of contrast, dynamically analyzing each scene to deliver enhanced brightness and detail for a cinematic viewing experience.



## Quantum HDR+

A wide range of contrast for a detail rich, cinematic experience.\*

\*Compared to Quantum HDR, 32" Q8 has Quantum HDR.

Image: A split-screen comparison showing the difference between Standard Dynamic Range (SDR) and Quantum HDR+, illustrating enhanced contrast and detail in the HDR+ image.

- **Motion Xcelerator 144Hz:** This technology provides smooth visuals for sports and tear-free gaming, supporting VRR gaming at up to 4K 144Hz (requires a compatible PC graphic card for 4K 144Hz).



## Motion Xcelerator 144Hz

Brings smooth motion to sports and tear-free gaming\*

\*4K144Hz is only available with PC connected games that support such specifications (PC graphic card required). Performance may vary.

Image: A motorcycle racer on a dirt track, illustrating the smooth motion capabilities of Motion Xcelerator 144Hz for gaming and fast-paced content.

### Sound Quality Features

The TV optimizes audio for an immersive experience:

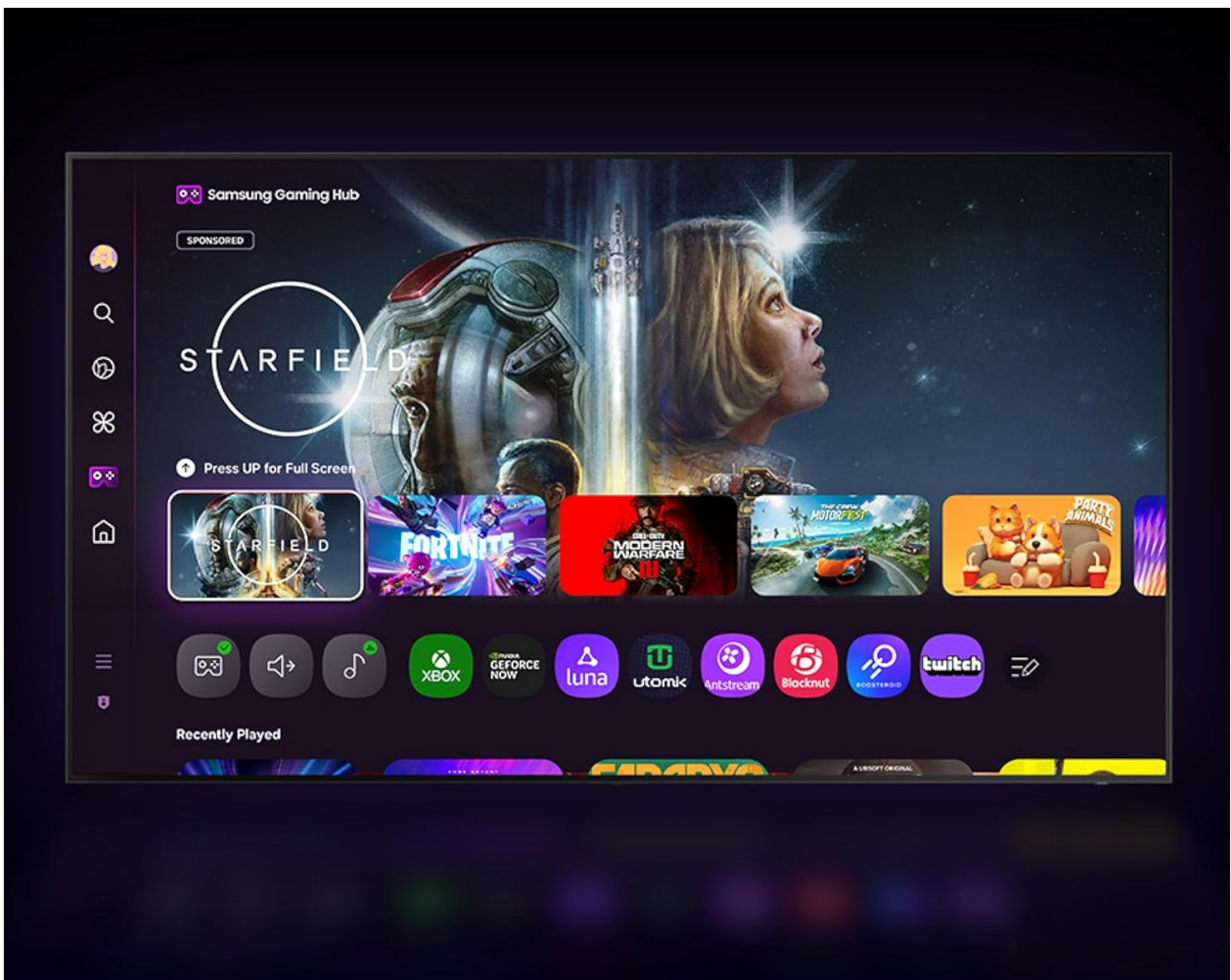
- **Adaptive Sound:** Optimizes audio scene-by-scene for powerful, balanced sound.
- **Active Voice Amplifier (AVA):** Boosts dialogue so you hear speech clearly, even in noisy environments.

### Smart Features and Content

Your Samsung Smart TV offers a range of intelligent features:

- **Samsung Vision AI:** Provides innovative personalized experiences. Features may vary by model.
- **Endless Free Content:** Access over 2,700 free channels, including 400+ Samsung TV Plus premium channels, and various free streaming apps. Content includes national and local news, sports, movies, and shows.





## Samsung Gaming Hub

Grab a controller and dive into thousands of games – no console required\*

\*High speed internet connection, additional gaming service subscriptions and compatible controller required. 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.

Image: The Samsung Gaming Hub interface displayed on the TV screen, showing various game titles and streaming services.

- **SmartThings:** Works with over 340 smart home brands and unlocks features with select Samsung devices.

## MAINTENANCE

### Cleaning Your TV

To clean the screen, gently wipe it with a soft, lint-free cloth. For the TV frame and other surfaces, use a soft, dry cloth. Avoid using harsh chemicals, abrasive materials, or excessive moisture, as these can damage the screen or finish.

### Software Updates

Ensure your TV's software is up to date for optimal performance and security. The TV can be configured to automatically download and install updates when connected to the internet. You can also manually check for updates through the TV's settings menu.

### Remote Control Charging

The SolarCell™ Remote charges via its integrated solar panel when exposed to light. For faster charging or in low-light conditions, connect a USB-C cable to the remote.

## TROUBLESHOOTING

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If you encounter issues with your TV, refer to the following common solutions:

- **No Power:** Ensure the power cable is securely connected to both the TV and a working power outlet. Try a different outlet.
- **No Picture/Sound:** Check all HDMI and other input connections. Ensure the correct input source is selected on the TV.
- **Remote Not Working:** Ensure the remote is charged. Point the remote directly at the TV's sensor if using infrared.
- **Internet Connection Issues:** Verify your Wi-Fi password and router connection. Try restarting your router and the TV.
- **Picture Quality Issues:** Adjust picture settings (brightness, contrast, color). Ensure the content source is high quality.
- **Slow UI/App Performance:** Close unused applications. Ensure the TV's software is updated.
- **Dead Pixel:** If a single pixel appears black or stuck on a color, this may indicate a manufacturing defect. Contact Samsung support for assistance.

For more detailed troubleshooting, refer to the full user manual available online or contact Samsung customer support.

## SPECIFICATIONS

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Feature	Detail
Brand	Samsung
Model Number	QN65Q8FAAFXZA
Screen Size	65 Inches
Display Technology	QLED
Resolution	4K UHD
Refresh Rate	120 Hz (up to 144Hz for gaming)
Product Dimensions (with stand)	10.6"D x 57.1"W x 35"H
Product Dimensions (without stand)	57.1"W x 32.7"H x 1"D
Item Weight	46.7 Pounds
Aspect Ratio	16:9
Connectivity Technology	Bluetooth, Ethernet, HDMI, USB, Wi-Fi

Special Features	Built-In Speaker, Game Mode, Q4 AI Processor, 100% Color Volume, Quantum HDR+, Motion Xcelerator 144Hz, Samsung Vision AI, Samsung Knox Security, SmartThings
Included Components	Power Cable, Remote Control, Stand, User Manual
On-mode power consumption	172 watts
Batteries (for remote)	2 AAA batteries required (for initial setup, remote is rechargeable)

## WARRANTY AND SUPPORT

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For detailed warranty information, please refer to the warranty card included with your product or visit the official Samsung website. For additional support, including a comprehensive user manual and troubleshooting guides, please visit the Samsung support website or contact customer service.

You can also download the full User Manual (PDF)[here](#).

An Installation Manual (PDF) is also available[here](#).