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› Samsung 85-Inch Class QLED Q8F 4K UHD Smart TV (2025 Model) User Manual

Samsung QN85Q8FAAFXZA

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Model: QN85Q8FAAFXZA

1. PRODUCT OVERVIEW

The Samsung 85-Inch Class QLED Q8F 4K UHD Smart TV (2025 Model) delivers an immersive viewing experience with its Q4 AI Processor, 100% Color Volume with Quantum Dot technology, and a sleek AirSlim Design. This smart TV integrates Samsung Vision AI for enhanced picture and sound, and offers access to a vast array of free content channels. It is designed to provide vibrant visuals and dynamic audio, adapting to your content for an optimized entertainment experience.



Figure 1.1: Front view of the Samsung 85-Inch QLED Q8F Smart TV, showcasing its slim design and vibrant display.

2. WHAT'S IN THE BOX

Upon unpacking your Samsung QLED Q8F TV, please verify that all the following components are included:

- Samsung 85-Inch Class QLED Q8F 4K UHD Smart TV
- Power Cable
- Remote Control (SolarCell Remote TM2560E)
- TV Stand Components
- User Manual (this document)



Figure 2.1: Diagram illustrating the TV dimensions and the contents of the retail package.

3. SETUP GUIDE

3.1 Physical Installation

Carefully remove the TV from its packaging. You can choose to install the TV on its included stand or mount it on a wall (wall mount sold separately). Ensure the TV is placed on a stable, level surface or securely mounted according to the wall mount

instructions. Connect the power cable to the TV and a power outlet.

3.2 Connecting External Devices

Identify the necessary ports on the back of your TV for your external devices (e.g., cable box, Blu-ray player, gaming console). The Samsung Q8F TV features multiple HDMI ports (including HDMI 3 with eARC for enhanced audio return), USB ports, an optical audio out, and an Ethernet port.

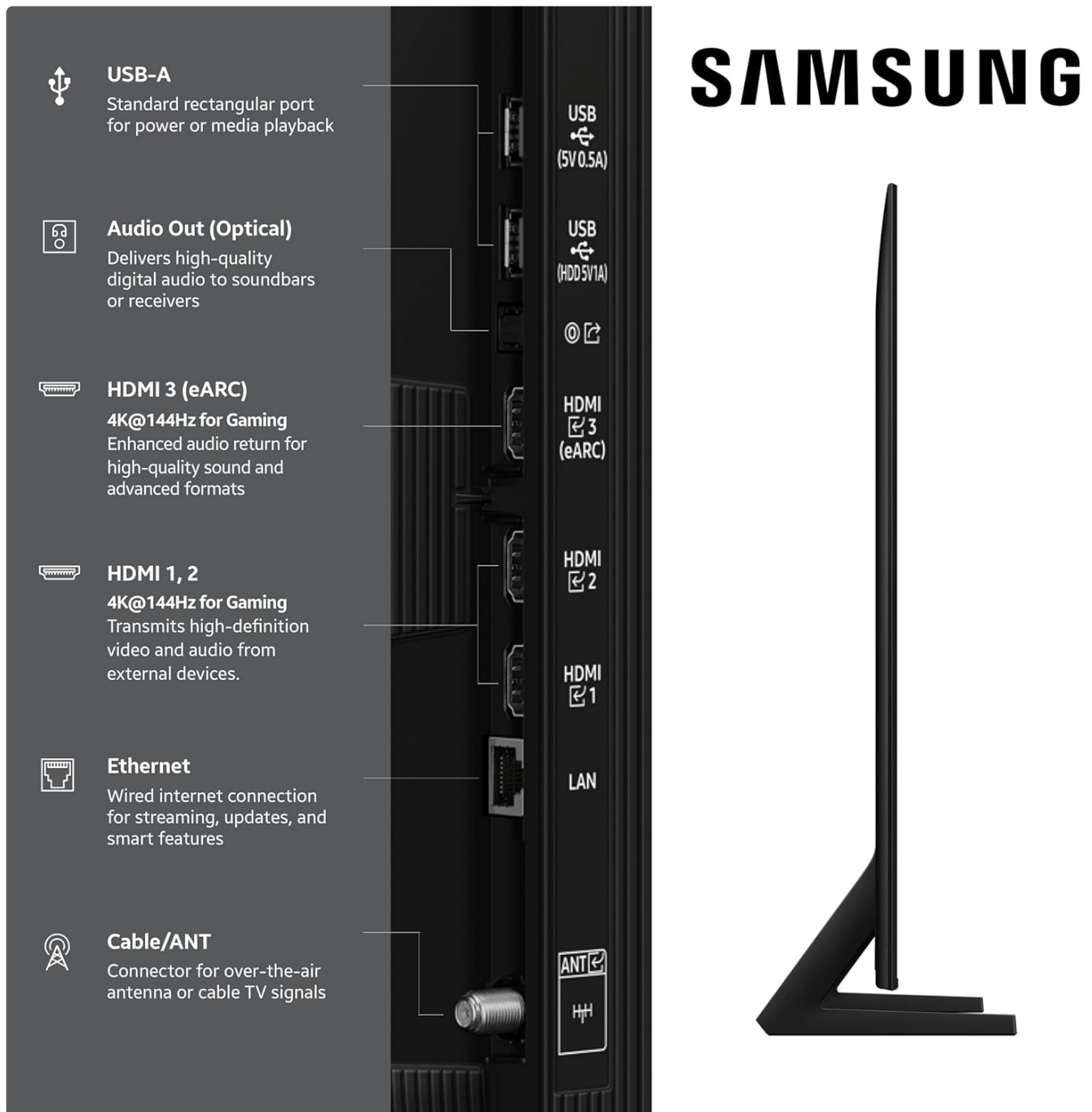


Figure 3.1: Rear view of the TV showing available connection ports.

- **HDMI 1, 2, 3 (eARC):** For high-definition video and audio from external devices. HDMI 3 supports eARC for advanced audio formats.
- **USB-A:** Standard rectangular port for power or media playback.
- **Audio Out (Optical):** Delivers high-quality digital audio to soundbars or receivers.
- **Ethernet (LAN):** For wired internet connection, streaming, and updates.
- **Cable/ANT:** Connector for over-the-air antenna or cable TV signals.

3.3 Initial Power On and Basic Configuration

After connecting the power, press the power button on the remote control. The TV will guide you through the initial setup process, including language selection, region, and basic picture settings. Follow the on-screen prompts to complete this setup.

3.4 Network Connection

To access smart features and streaming content, connect your TV to the internet. You can choose between a wired (Ethernet) or wireless (Wi-Fi) connection. For Wi-Fi, select your network from the list and enter the password. For Ethernet, simply connect a network cable to the LAN port.

4. OPERATING YOUR SAMSUNG QLED TV

4.1 Basic Functions

Use the remote control to navigate the TV's interface. The power button turns the TV on/off. Volume buttons adjust the sound level, and channel buttons change channels. The input button allows you to switch between connected devices (HDMI 1, 2, 3, etc.).

4.2 Smart Features and Content

The Samsung Q8F TV provides access to a wide range of smart features. The Smart Hub is your central access point for streaming apps, live TV, and connected devices. Samsung TV Plus offers over 2,700 free channels, including 400+ premium channels, without requiring a subscription.



Figure 4.1: Example of the Endless Free Content interface.

The Samsung Gaming Hub allows you to access thousands of games without a console, connecting directly to cloud gaming services. Ensure a stable internet connection for optimal performance.

SAMSUNG

Compare our 2025 QLED lineup



Q6F

- Q4 AI Processor Lite
- Motion Xcelerator 60Hz
- Quantum HDR

Q7F

- Q4 AI Processor
- Supreme UHD Dimming
- Color Booster Pro

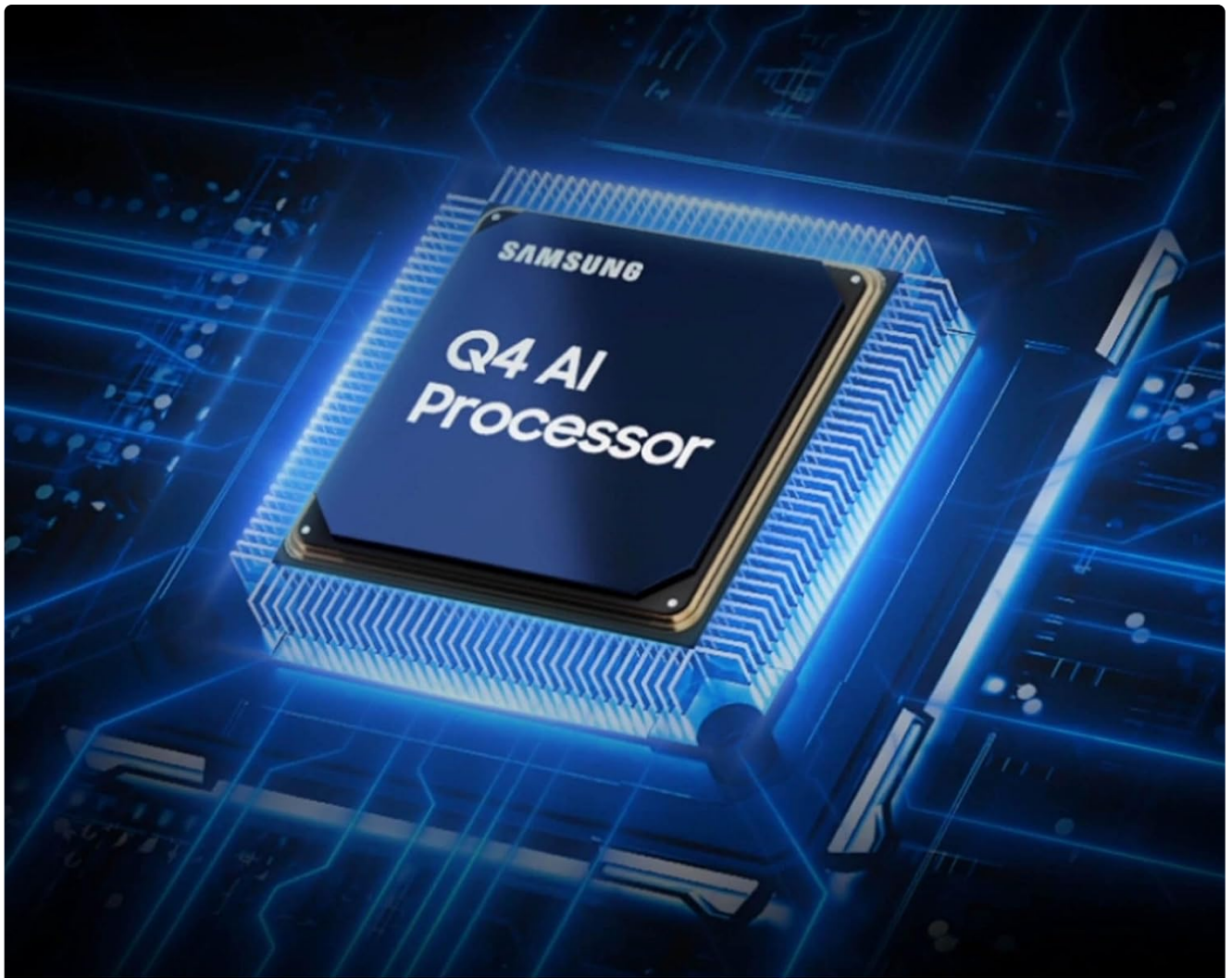
Q8F

- Motion Xcelerator 144Hz
- Quantum HDR+
- AirSlim

Figure 4.2: The Samsung Gaming Hub interface.

4.3 Picture and Sound Settings

The Q8F TV features a Q4 AI Processor that optimizes picture and sound quality based on the content you are watching. You can access picture modes (e.g., Standard, Movie, Dynamic) and sound modes through the settings menu to customize your viewing experience.



Q4 AI Processor

Powers a dramatically clear 4K picture.

Figure 4.4: Visual representation of 100% Color Volume with Quantum Dot.



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.

Figure 4.5: Comparison of SDR and Quantum HDR+ for enhanced contrast.

For gaming and fast-paced action, Motion Xcelerator 144Hz ensures smooth visuals and tear-free gaming at up to 4K 144Hz (with compatible PC connected games).



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.

Figure 4.6: Motion Xcelerator 144Hz for smooth motion.

4.4 Remote Control

The included SolarCell Remote (TM2560E) is designed for convenience and eco-friendliness. It can be recharged via a USB-C cable or through its built-in solar panel. Familiarize yourself with its buttons for power, volume, channel, navigation, and smart hub access.

5. MAINTENANCE AND CARE

5.1 Cleaning Your TV

To clean the screen, gently wipe it with a soft, dry microfiber cloth. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaning solution. Avoid using harsh chemicals, abrasive materials, or spraying liquid directly onto the screen. For the TV body, use a soft, dry cloth.

5.2 Software Updates

Regular software updates ensure your TV operates with the latest features, security enhancements, and bug fixes. To check for updates, navigate to **Settings > Support > Software Update > Update Now**. Ensure your TV is connected to the

internet for this process.

Samsung Knox Security provides triple-layer protection for your personal data, defending against harmful apps and phishing sites. Keeping your software updated is crucial for maintaining this security.

Why Samsung TVs

4 Reasons to buy:

The infographic consists of four horizontal bars, each representing a reason to buy Samsung TVs. Each bar has a colored header with an icon and a main text block.

- Endless Content:** Header: "Endless Content" with icons for Samsung TV Plus and Gaming Hub. Text: "2,700+ free channels including 400+ Samsung TV Plus premium channels.¹ Thousands of games—no console required.²"
- Security:** Header: "Security" with "Powered by Knox³" and a Knox shield icon. Text: "Secures personal data with triple-layer protection."
- Design:** Header: "Design" with "Innovative Thin Design" and a thin TV icon. Text: "Cutting-edge technology with a sleek minimalist design to blend with your lifestyle."
- Connectivity:** Header: "Connectivity" with "SmartThings¹" and a SmartThings icon. Text: "Works with 340+ smart home brands and unlocks exclusive features with select Samsung devices."

¹Samsung Account required for network-based smart services, including streaming apps and other smart features. Additional apps required. A 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. ²High speed internet connection, additional gaming service subscriptions and compatible controller required. ³Personal data includes directly input PIN-codes and passwords, and IoT device information shared through the SmartThings App. The latest software update is required.

Figure 5.1: Samsung Knox Security for data protection.

6. TROUBLESHOOTING COMMON ISSUES

If you encounter problems with your TV, refer to the table below for common issues and their solutions. If the issue persists, contact Samsung customer support.

Problem	Possible Cause	Solution
TV does not turn on	No power, remote control issues	Check power cable connection. Ensure power outlet is working. Recharge or replace remote control batteries.
No picture or sound	Incorrect input source, external device issue, cable problem	Verify correct input source. Check connections of external devices. Try a different HDMI cable.
Cannot connect to Wi-Fi	Incorrect password, router issue, signal interference	Double-check Wi-Fi password. Restart your router. Move TV closer to router or reduce interference.
Remote control not responding	Low battery, interference, pairing issue	Recharge the SolarCell Remote. Remove obstacles between remote and TV. Re-pair the remote if necessary (refer to TV's on-screen guide).
Picture quality issues (e.g., blurry, distorted)	Source quality, picture settings, cable issue	Check the resolution of the content source. Adjust picture settings (e.g., sharpness, contrast). Ensure HDMI cables are high-speed and securely connected.

7. TECHNICAL SPECIFICATIONS

Below are the key technical specifications for the Samsung 85-Inch Class QLED Q8F 4K UHD Smart TV (2025 Model):

Feature	Specification
Model Number	QN85Q8FAAFXZA
Screen Size	85 Inches
Display Technology	QLED
Resolution	4K UHD (3840 x 2160)
Refresh Rate	120 Hz (up to 144Hz for PC connected games)
Processor	Q4 AI Processor
Color Volume	100% Color Volume with Quantum Dot
HDR Support	Quantum HDR+
Connectivity	Bluetooth, Ethernet, HDMI (with eARC), USB, Wi-Fi
Special Features	Built-In Speaker, Game Mode, AirSlim Design, Samsung Vision AI, Samsung Knox Security
Product Dimensions (W x H x D)	74.8" x 45" x 14.4" (with stand)
Item Weight	89.7 Pounds
On-mode Power Consumption	265 watts

8. WARRANTY INFORMATION AND CUSTOMER SUPPORT

Your Samsung 85-Inch Class QLED Q8F 4K UHD Smart TV is covered by Samsung's standard limited warranty. The specific terms and duration of the warranty may vary by region and purchase date. Please refer to the warranty card included with your product or visit the official Samsung website for detailed warranty information.

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Samsung Customer Support. You can find contact information (phone numbers, chat support, and service center locations) on the official Samsung support website:

Samsung Support Website: www.samsung.com/us/support/

When contacting support, please have your TV's model number (QN85Q8FAAFXZA) and serial number ready. The serial number is typically located on a sticker on the back of the TV.