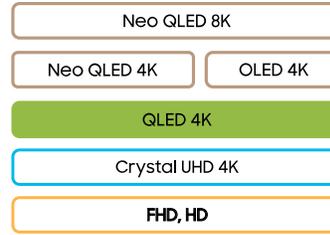




CLASS HIERARCHY



SIZE CLASS

98"	UN98Q7F

Refine your entertainment experience with our next-level smart TV. Featuring a spectrum of over one billion authentic colors, this picture is also certified by Pantone for color accuracy so every show comes alive in beautiful detail. Boosted contrast from Quantum HDR enhances darks and lights, making everything look sharper. Plus, dynamic 3D audio syncs with on-screen action, all powered by Samsung Vision AI¹.

TOP 10 KEY FEATURES

1. Supersize Picture Enhancer
2. Q4 AI Processor
3. 100% Color Volume with Quantum Dot²
4. Samsung Knox Security³
5. Endless Free Content^{4,5}
6. Motion Xcelerator 120Hz
7. Quantum HDR
8. Free Sync Premium
9. 4K Upscaling
10. Object Tracking Sound Lite

PICTURE (PANEL)

- Display Type: QLED
- Refresh Rate: 120Hz
- Lighting Technology: Mega Contrast
- Display Resolution: 4K (3,840 x 2,160)
- Anti Reflection: N/A
- Viewing Angle: Wide
- Dimming Technology: Supreme UHD Dimming

PICTURE (PROCESSING)

- Processor: Q4 AI Gen1 Processor
- Upscaling: 4K Upscaling
- Variable Refresh Rate (VRR): N/A
- Motion Handling: Motion Xcelerator 120Hz
- Contrast Enhancer: Yes
- Object Motion Enhancing: N/A
- Color: Color Booster Pro⁶
- HDR (High Dynamic Range): Quantum HDR
- HDR10+: Supported
- Auto HDR Remastering: Yes
- Adaptive Picture: N/A
- Supersize Picture Enhancer: Yes

AUDIO

- Speaker Type: 2CH
- Output Power: 20W
- Dolby Atmos: N/A
- Object Tracking Sound (OTS): OTS Lite
- Q-Symphony: Yes⁷
- Active Voice Amplifier (AVA): N/A
- Adaptive Sound: N/A
- Bluetooth Audio: Yes
- 360 Audio: N/A

DESIGN

- TV Design: Slim Look
- Bezel Type: 3 Bezel-less
- Front Color: Graphite Black
- Stand Type: Flat Feet
- Stand Color: Black
- Adjustable Stand: Yes (See next page)

CONNECTIVITY

- Wi-Fi: Yes (Wi-Fi 5)
- Bluetooth: Yes (BT5.2)
- One Connect Box: N/A
- HDMI Input: 3 Ports
- HDMI Maximum Input Rate: 4K 120Hz (for HDMI 1/2/3)
- HDMI Audio Return Channel: eARC
- HDMI-CEC: Yes
- USB Ports: 1 x USB-A
- Ethernet (LAN): 1
- Digital Audio Out (Optical): N/A
- RF Connection: 1
- RS-232C Input: N/A

SAMSUNG VISION AI¹

- Live Translate: N/A
- Generative Wallpaper: Yes
- Pet & Family Care: N/A
- Home Insight: Yes
- Universal Gestures/Quick Control: Yes

TV ART FEATURES

- Art Mode: N/A
- Art Store: Yes⁸

SMART TV FEATURES⁴

- Operating System: One UI Tizen
- AI TV: Samsung Vision AI¹
- Free Ad Supported TV: Samsung TV Plus
- Smart Home Connectivity: SmartThings, Matter, IoT-Sensor Functionality⁹
- Smart Assistants (Built-In): Bixby, Alexa
- Smart Assistants (Works with): Google Assistant
- Far-Field Voice Interactions: N/A
- Web Browser: Yes
- SmartThings Hub/Quick Remote/Matter Hub/IoT-Sensor Functionality: Yes
- Multi Device Experience: TV to Mobile, Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On, Tap View
- Multi-View: Up to 2 Videos
- Ambient Mode: N/A
- Buds Auto Switch: Yes
- Works with Apple Airplay: Yes
- Works with Google Cast: Yes
- Daily+: Yes
- Daily Board: N/A
- Workout Tracker: Yes
- Karaoke Mic: N/A
- Multi-Control: Yes
- ConnecTime: Yes
- Screen Vitals: N/A
- Storage Share: Yes

GAMING

- Gaming Hub: Yes¹⁰
- Cloud Gaming: Yes - Xbox, NVIDIA GeForce Now, Luna, Blacknut, Antstream, Boosteroid, Utomik
- AI Auto Game Mode: Yes
- ALLM (Auto Low Latency Mode): Yes
- Game Motion Plus: Yes
- Super Ultra Wide Game View: Yes¹¹
- Game Bar: Yes
- Mini Map Zoom: Yes
- VRR Standard: Freesync PremiumTM
- HGiG: Yes
- Hue Sync: Yes

SECURITY

- Knox Vault: N/A
- Knox Security: Yes⁵

POWER

- Power Supply (V): AC110-120V~ 50/60Hz
- Standby Power Consumption (W): 0.5W
- Typical Power Consumption (W): 377W
- Max Power Consumption (W): 495W

INCLUDED ACCESSORIES

- Remote Control: SolarCellTM Remote TM2560E
- Power Cable: Yes

MODELS

MODEL: QN98Q7F
ORDER CODE: QN98Q7FAAFXZA

SCREEN SIZE CLASS: 98"

SCREEN DIAGONAL MEASUREMENT: 97.5"

UPC CODE: 198957219252

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):

- TV WITHOUT STAND: 85.9 X 49 X 2.5
- TV WITH STAND (LOWEST): 85.9 X 51.1 X 15.8
- TV WITH STAND (HIGHEST): 85.9 X 52.1 X 15.8
- SHIPPING: 93.3 X 55.3 X 10.8
- STAND FOOTPRINT: 1 X 11.5 X 15.8

WEIGHT (LB):

- TV WITHOUT STAND: 115.1
- TV WITH STAND: 118.6
- SHIPPING: 167.6

VESA SUPPORT: YES (600 X 400)

ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
- POWER CABLE
- USER MANUAL

WARRANTY: [CLICK HERE](#)

*Samsung Vision AI features vary by model; see individual model for more info.

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

²Personal data includes directly input PIN-codes and passwords, and IoT device information shared through the SmartThings app. The latest software is required.

³Samsung Account required for network-based smart services, including streaming apps and other smart features. 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.

⁴Channels may vary by location and are subject to change. UI is subject to change without prior notice.

⁵Utilizes AI-based formulas.

⁶Requires a compatible 2020-2025 Q-Series, S-Series, B750F or B650F soundbar (sold separately). For more information, check soundbar specifications.

⁷Fees apply to subscription service.

⁸SmartThings require compatible devices only. SmartThings app download may be required.

⁹High speed internet connection, additional gaming service subscriptions and compatible controller required.

¹⁰Super Ultrawide Game View is supported for PC games only. This is feature is only available for ultra wide supported games. Some game titles may not support this function or may be limited to use this feature. Screen resolution change from external device may be required.