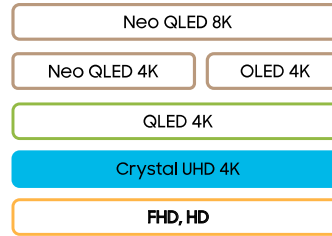




CLASS HIERARCHY



SIZE CLASS

55"	UN55U7900FFXZA
50"	UN50U7900FFXZA

With elegant metal housing, this essential 4K TV delivers an element of style along with a crisp and vibrant picture. Take advantage of more than 2700 free channels on Samsung TV Plus¹ and enjoy peace of mind as our proprietary triple-layer security protects your personal data².

TOP 10 KEY FEATURES

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. Crystal Processor 4K 2. MetalStream Design 3. Samsung Knox Security² 4. Endless Free Content³ 5. 4K Upscaling | <ol style="list-style-type: none"> 6. Motion Xcelerator 60Hz 7. HDR 8. Color Booster 9. Object Tracking Sound Lite 10. Q-Symphony⁴ |
|--|--|

PICTURE (PANEL)

- Display Type: Ultra-High Definition (UHD)
- Refresh Rate: 60Hz
- Lighting Technology: Mega Contrast
- Display Resolution: 4K (3,840 x 2,160)
- Anti Reflection: N/A
- Viewing Angle: N/A
- Dimming Technology: N/A

PICTURE (PROCESSING)

- Processor: Crystal Processor 4K
- Upscaling: 4K Upscaling
- Variable Refresh Rate (VRR): Yes
- Motion Handling: Motion Xcelerator 60Hz
- Contrast Enhancer: Yes
- Object Motion Enhancing: N/A
- Color: Color Booster
- HDR (High Dynamic Range): Yes
- HDR10+: Supported
- Auto HDR Remastering: N/A
- Adaptive Picture: N/A
- Supersize Picture Enhancer: N/A

AUDIO

- Speaker Type: 2CH
- Output Power: 20W
- Dolby Atmos: N/A
- Object Tracking Sound (OTS): OTS Lite
- Q-Symphony: Yes⁴
- Active Voice Amplifier (AVA): N/A
- Adaptive Sound: N/A
- Bluetooth Audio: Yes
- 360 Audio: N/A

DESIGN

- TV Design: MetalStream
- Bezel Type: 3 Bezel-less
- Front Color: Black
- Stand Type: Basic Feet
- Stand Color: Black
- Adjustable Stand: N/A

CONNECTIVITY

- Wi-Fi: Yes (Wi-Fi 5)
- Bluetooth: Yes (BT5.3)
- One Connect Box: N/A
- HDMI Input: 2 Ports
- HDMI Maximum Input Rate: 4K 60Hz (for HDMI 1/2/3)
- HDMI Audio Return Channel: eARC/ARC
- 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 AI

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

TV ART FEATURES

- Art Mode: N/A
- Art Store: N/A

SMART TV FEATURES¹

- Operating System: One UI Tizen⁵
- AI TV: N/A
- Free Ad Supported TV: Samsung TV Plus¹
- Smart Home Connectivity: N/A
- Smart Assistants (Built-In): Bixby, Alexa
- Smart Assistants (Works with): Google Assistant
- Far-Field Voice Interactions: N/A
- Web Browser: Yes
- SmartThings Hub: N/A
- Samsung Health: Yes⁶
- Multi Device Experience: Mobile to TV, Sound Mirroring, Wireless TV On
- Multi-View: N/A
- Ambient Mode: N/A
- Buds Auto Switch: Yes
- Works with Apple Airplay: Yes
- Works with Google Cast: Yes
- Daily+: N/A
- Daily Board: N/A
- Workout Tracker: Yes
- Karaoke Mic: N/A
- Multi-Control: Yes
- ConneCTime: N/A
- Screen Vitals: N/A
- Storage Share: Yes

GAMING

- Gaming Hub: Yes⁷
- Cloud Gaming: Yes - Xbox, NVIDIA GeForce Now, Luna, Blacknut, Antstream, Boosteroid, Utomik
- AI Auto Game Mode: N/A
- ALLM (Auto Low Latency Mode): Yes
- Game Motion Plus: N/A
- Super Ultra Wide Game View: N/A
- Game Bar: N/A
- Mini Map Zoom: N/A
- VRR Standard: N/A
- HGiG: N/A
- Hue Sync: N/A

SECURITY

- Knox Vault: N/A
- Knox Security: Yes²

POWER

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

55": 97W	50": 89W
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- Max Power Consumption (W):

55": 120W	50": 110W
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INCLUDED ACCESSORIES

- Remote Control: IR Simple Remote TM2240A
- Power Cable: Yes

MODELS

MODEL: UN55U7900F
ORDER CODE: UN55U7900FFXZA

SCREEN SIZE CLASS: 55"

SCREEN DIAGONAL MEASUREMENT: 54.6"

UPC CODE: 887276951843

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):

- TV WITHOUT STAND: 48.2 X 27.9 X 3
- TV WITH STAND (LOWEST): 48.2 X 29.9 X 7.8
- SHIPPING: 53.3 X 31.9 X 5
- STAND FOOTPRINT: 1 X 6.6 X 7.8

WEIGHT (LB):

- TV WITHOUT STAND: 21.2
- TV WITH STAND: 21.8
- SHIPPING: 31.7

VESA SUPPORT: YES (200 X 200)

ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: IR SIMPLE REMOTE TM2240A
- POWER CABLE
- USER MANUAL

WARRANTY: [CLICK HERE](#)

MODEL: UN50U7900F
ORDER CODE: UN50U7900FFXZA

SCREEN SIZE CLASS: 50"

SCREEN DIAGONAL MEASUREMENT: 49.5"

UPC CODE: 887276951980

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):

- TV WITHOUT STAND: 43.7 X 25.3 X 3
- TV WITH STAND (LOWEST): 43.7 X 27.4 X 7.8
- SHIPPING: 48.3 X 29.3 X 5
- STAND FOOTPRINT: 1 X 6.6 X 7.8

WEIGHT (LB):

- TV WITHOUT STAND: 17.6
- TV WITH STAND: 18.3
- SHIPPING: 26.5

VESA SUPPORT: YES (200 X 200)

ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: IR SIMPLE REMOTE TM2240A
- POWER CABLE
- USER MANUAL

WARRANTY: [CLICK HERE](#)

¹Samsung 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.

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

⁴Requires a compatible 2020-2025 Q-Series, S-Series, B750F or B650F soundbar (sold separately). For more information, check soundbar specifications.

⁵One UI Tizen OS updates are available for up to 7 years from the product release year starting in 2023. Availability, features, contents, apps and services are subject to change without notice and may vary by product and model. OS updates does not cover hardware-related performance, features or durability.

⁶Subscriptions may be required for some services. Smart Trainer support devices may vary by country.

⁷High speed internet connection, additional gaming service subscriptions and compatible controller required.