



CLASS HIERARCHY

Neo QLED 8K	
Neo QLED 4K	OLED 4K
QLED 4K	
Crystal UHD 4K	
FHD, HD	



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 Plus<sup>1</sup> and enjoy peace of mind as our proprietary triple-layer security protects your personal data<sup>2</sup>.

TOP 10 KEY FEATURES

1. Crystal Processor 4K	6. Motion Xcelerator 60Hz
2. MetalStream Design	7. HDR
3. Samsung Knox Security <sup>2</sup>	8. Color Booster
4. Endless Free Content <sup>3</sup>	9. Object Tracking Sound Lite
5. 4K Upscaling	10. Q-Symphony <sup>4</sup>

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: Yes <sup>4</sup>
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 FEATURES<sup>1</sup>

Operating System: One UI Tizen <sup>5</sup>
AI TV: N/A
Free Ad Supported TV: Samsung TV Plus <sup>1</sup>
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: Yes <sup>6</sup>
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: Yes <sup>7</sup>
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: Yes <sup>2</sup>

POWER

Power Supply (V): AC110-120V~ 50/60Hz	
Standby Power Consumption (W): 0.5W	
Typical Power Consumption (W):	
55": 97W	50": 89W
Max Power Consumption (W):	
55": 120W	50": 110W

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): <ul style="list-style-type: none"><li>TV WITHOUT STAND: 48.2 X 27.9 X 3</li><li>TV WITH STAND (LOWEST): 48.2 X 29.9 X 7.8</li><li>SHIPPING: 53.3 X 31.9 X 5</li><li>STAND FOOTPRINT: 1 X 6.6 X 7.8</li></ul>
WEIGHT (LB): <ul style="list-style-type: none"><li>TV WITHOUT STAND: 21.2</li><li>TV WITH STAND: 21.8</li><li>SHIPPING: 31.7</li></ul>
VESA SUPPORT: YES (200 X 200)
ACCESSORIES INCLUDED IN BOX: <ul style="list-style-type: none"><li>REMOTE MODEL: IR SIMPLE REMOTE TM2240A</li><li>POWER CABLE</li><li>USER MANUAL</li></ul>
WARRANTY: <a href="#">CLICK HERE</a>

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): <ul style="list-style-type: none"><li>TV WITHOUT STAND: 43.7 X 25.3 X 3</li><li>TV WITH STAND (LOWEST): 43.7 X 27.4 X 7.8</li><li>SHIPPING: 48.3 X 29.3 X 5</li><li>STAND FOOTPRINT: 1 X 6.6 X 7.8</li></ul>
WEIGHT (LB): <ul style="list-style-type: none"><li>TV WITHOUT STAND: 17.6</li><li>TV WITH STAND: 18.3</li><li>SHIPPING: 26.5</li></ul>
VESA SUPPORT: YES (200 X 200)
ACCESSORIES INCLUDED IN BOX: <ul style="list-style-type: none"><li>REMOTE MODEL: IR SIMPLE REMOTE TM2240A</li><li>POWER CABLE</li><li>USER MANUAL</li></ul>
WARRANTY: <a href="#">CLICK HERE</a>

<sup>1</sup>Samsung 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.

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

<sup>3</sup>Samsung 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.

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

<sup>5</sup>One 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.

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

<sup>7</sup>High speed internet connection, additional gaming service subscriptions and compatible controller required.