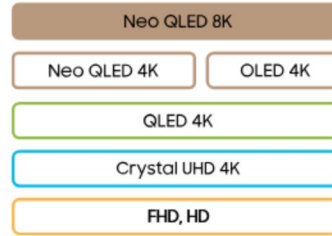




CLASS HIERARCHY



SIZE CLASS

98"	QN98QN990F
85"	QN85QN990F
75"	QN75QN990F
65"	QN65QN990F



Our best 8K TV features phenomenally sharp picture with immersive sound and breakthrough experiences powered by our most advanced processor and Samsung Vision AI¹. Nearly edgeless design and a glare-free screen are complemented by a wireless connection hub² for a clutter-free, modern design.

TOP 10 KEY FEATURES

1. NQ8 AI Gen3 Processor³
2. 8K AI Upscaling Pro³
3. Wireless One Connect⁴
4. Glare Free
5. Motion Xcelerator 240Hz⁵
6. AI Motion Enhancer Pro⁶
7. Auto HDR Remastering
8. Dolby Atmos and Object Tracking Sound Pro
9. Endless Free Content / One UI Tizen⁷
10. AI Customization Mode⁶

PICTURE (PANEL)

Display Type: Neo QLED 8K
 Refresh Rate:
 98": 120Hz
 85"-65": 120Hz (Up to 4K 240Hz)
 Lighting Technology: Quantum Matrix Technology Pro
 Display Resolution: 8K (7,680 x 4,320)
 Anti Reflection: Glare Free
 Viewing Angle: Ultra Viewing Angle
 Dimming Technology: Ultimate 8K Dimming Pro

PICTURE (PROCESSING)

Processor³: NQ8 AI Gen3 Processor
 Upscaling³: 8K AI Upscaling Pro
 Variable Refresh Rate (VRR): Yes
 Motion Handling⁵:
 98": Motion Xcelerator 120Hz
 85"-65": Motion Xcelerator 240Hz
 Contrast Enhancer: Real Depth Enhancer Pro
 Object Motion Enhancing⁶: AI Motion Enhancer Pro
 Color: Color Booster Pro
 EyeComfort Mode: Yes
 HDR (High Dynamic Range):
 98"-75": Neo Quantum HDR 8K Pro
 65": Neo Quantum HDR 8K+
 HDR10+: Yes (Adaptive/Gaming)
 Auto HDR Remastering: Pro
 Adaptive Picture⁶: AI Optimized/AI Customization
 Super Size Picture Enhancer: 98" and 85" only

AUDIO

Speaker Type: 98": 6.4.4CH
 85"-65": 6.2.4CH
 Output Power: 98": 120W
 85"-65": 90W
 Dolby Atmos: Yes

Object Tracing Sound (OTS): OTS Pro
 Q-Symphony⁸: Yes
 Active Voice Amplifier (AVA): AVA Pro
 Adaptive Sound: Pro
 Bluetooth Audio: Yes
 360 Audio: Yes

DESIGN

TV Design: 98": Infinity One
 85"-65": Infinity Air
 Bezel Type: 98": 4 Bezel-less Zero
 85"-65": Zero Bezel
 Front Color: Graphite Black
 Stand Type: 98": Slim OC Stand
 85"-65": Infinity Air Stand
 Stand Color: Space Graphite
 Adjustable Stand: N/A

CONNECTIVITY

Wi-Fi: Yes (Wi-Fi 6E)
 Bluetooth: BT5.3
 One Connect Box⁴: Wireless One Connect
 One Connect Box Holder: 98" only
 HDMI Input: 5 Ports
 HDMI Maximum Input Rate:
 98": 8K120Hz, 4K120Hz (For HDMI1/2/3/4/5)
 85"-65": 8K120Hz, 4K240Hz (For HDMI1/2/3/4/5)
 HDMI Audio Return Channel: eARC
 HDMI-CEC: Yes
 USB Ports: 3 x USB-A, 1 x USB-C
 Ethernet (LAN): 1
 Digital Audio Out (Optical): 1
 RF Connection: 1
 RS-232C Input: 1

SAMSUNG VISION AI¹

Live Translate: Yes
 Generative Wallpaper: Yes

Pet & Family Care: Yes
 Home Insight: Yes
 Universal Gesture/Quick Control: Yes

TV ART FEATURES

Art Mode: N/A
 Art Store⁹: Yes

SMART TV FEATURES¹⁰

Operating System⁷: One UI Tizen
 AI TV: Samsung Vision AI¹
 Free Ad Supported TV: Samsung TV Plus
 Smart Home Connectivity¹¹: SmartThings, Matter, IoT-Sensor Functionality
 Smart Assistants (Built-In): Bixby, Alexa
 Smart Assistants (Works with): Google Assistant
 Far-Field Voice Interactions: Yes
 Web Browser: Yes
 SmartThings Hub/Quick Remote/Matter Hub / IoT-Sensor Functionality: Yes
 Samsung Health¹²: Yes
 Multi Device Experience: TV to Mobile, Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On, Tap View
 Multi-View: Up to 4 Videos
 Ambient Mode: N/A
 Buds Auto Switch: Yes
 Works with Apple AirPlay: Yes
 Works with Google Cast: Yes
 Daily+: Yes
 Daily Board: Voice/User Detection
 Workout Tracker: Yes
 Karaoke Mic: Yes
 Multi-Control: Yes
 ConneCTime: Yes
 Screen Vitals: Yes
 Storage Share: Yes

GAMING

Gaming Hub¹³: Yes
 Cloud Gaming: Yes - Xbox, NVIDIA GeForce Now, Luna, Blacknut, Antstream, Boosteroid, Utomik
 Auto Game Mode: AI Auto Game Mode
 ALLM (Auto Low Latency Mode): Yes
 Game Motion Plus: Yes
 Super Ultra Wide Game View¹⁴: Yes
 Game Bar: Yes
 Mini Map Zoom: Yes
 VRR Standard: FreeSync Premium™ Pro
 HGIG: Yes
 Hue Sync: Yes

SECURITY

Knox Vault: Yes
 Knox Security: Yes

POWER

Power Supply (V): AC110-120V~ 50/60Hz
 Standby Power Consumption (W):
 98": TBD
 85": 0.5W
 75": 0.5W
 65": 0.5W
 Typical Power Consumption (W):
 98": TBD
 85": 362W
 75": 327W
 65": 310W
 Energy Saving Consumption (W): TBD
 Max Power Consumption (W):
 98": TBD
 85": 415W
 75": 375W
 65": 335W

INCLUDED ACCESSORIES

Remote Control: SolarCell Remote TM2560E
 Wireless One Connect Box⁴: Yes
 Power Cable: Yes

MODELS

MODEL: QN98QN990F
ORDER CODE: QN98QN990FFXZA

SCREEN SIZE CLASS: 98"

SCREEN DIAGONAL MEASUREMENT: 97.5"

UPC CODE: 887276944692

COUNTRY OF ORIGIN: VIETNAM

DIMENSIONS (INCHES W X H X D):

- TV WITHOUT STAND: 85.8 X 48.8 X 0.8
- TV WITH STAND (LOWEST): 85.8 X 51.8 X 14.6
- SHIPPING: 93.3 X 55.9 X 9.1
- STAND FOOTPRINT: 16.5 X 14.6 X 11.5

WEIGHT (LB):

- TV WITHOUT STAND: 149.9
- TV WITH STAND: 190.7
- SHIPPING: 247.8
- STAND WEIGHT: 40.8

VESA SUPPORT: YES (600 X 400)

ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: SOLARCELL™ REMOTE
- WIRELESS ONE CONNECT BOX⁴
- POWER CABLE
- USER MANUAL

WARRANTY: [CLICK HERE](#)

MODEL: QN75QN990F
ORDER CODE: QN75QN990FFXZA

SCREEN SIZE CLASS: 75"

SCREEN DIAGONAL MEASUREMENT: 74.5"

UPC CODE: 887276944678

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):

- TV WITHOUT STAND: 65.2 X 37 X 0.5
- TV WITH STAND (LOWEST): 65.2 X 40.1 X 11.2
- SHIPPING: 71.4 X 44.3 X 7.5
- STAND FOOTPRINT: 14.6 X 11.9 X 11.2

WEIGHT (LB):

- TV WITHOUT STAND: 67.9
- TV WITH STAND: 89.1
- SHIPPING: 119.3
- STAND WEIGHT: 21.3

VESA SUPPORT: YES (400 X 300)

ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: SOLARCELL™ REMOTE
- WIRELESS ONE CONNECT BOX⁴
- POWER CABLE
- USER MANUAL

WARRANTY: [CLICK HERE](#)

MODEL: QN85QN990F
ORDER CODE: QN85QN990FFXZA

SCREEN SIZE CLASS: 85"

SCREEN DIAGONAL MEASUREMENT: 84.5"

UPC CODE: 887276944685

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):

- TV WITHOUT STAND: 73.9 X 42 X 0.5
- TV WITH STAND (LOWEST): 73.9 X 45.1 X 12
- SHIPPING: 80.8 X 49.4 X 8.7
- STAND FOOTPRINT: 14.6 X 12 X 12

WEIGHT (LB):

- TV WITHOUT STAND: 94.1
- TV WITH STAND: 117.7
- SHIPPING: 154.8
- STAND WEIGHT: 23.6

VESA SUPPORT: YES (600 X 400)

ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: SOLARCELL™ REMOTE
- WIRELESS ONE CONNECT BOX⁴
- POWER CABLE
- USER MANUAL

WARRANTY: [CLICK HERE](#)

MODEL: QN65QN990F
ORDER CODE: QN65QN990FFXZA

SCREEN SIZE CLASS: 65"

SCREEN DIAGONAL MEASUREMENT: 64.5"

UPC CODE: 887276936789

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):

- TV WITHOUT STAND: 56.4 X 32.1 X 0.5
- TV WITH STAND (LOWEST): 56.4 X 35.1 X 10.5
- SHIPPING: 64 X 36.8 X 7.5
- STAND FOOTPRINT: 14.6 X 11.9 X 10.5

WEIGHT (LB):

- TV WITHOUT STAND: 47.6
- TV WITH STAND: 66.6
- SHIPPING: 91.1
- STAND WEIGHT: 19

VESA SUPPORT: YES (400 X 300)

ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: SOLARCELL™ REMOTE
- WIRELESS ONE CONNECT BOX⁴
- POWER CABLE
- USER MANUAL

WARRANTY: [CLICK HERE](#)

¹Samsung Vision AI features vary by model; see individual model for more info.

²TV and Wireless One Connect require separate power cord connections. Wireless One Connect [only] connects to TV via [Included] peer-to-peer WiFi and is omni-directional up to 30 feet; connection may be affected by surrounding environment, may not connect when enclosed or when blocked by metal (e.g., from inside a metal cabinet) or by other physical objects such as walls.

³Utilities AI-Based formulas to upscale to 8K resolution. Resulting picture may vary based on source content.

⁴Wireless One Connect must be connected to the TV wirelessly for full TV functionality. Wireless connection may be affected by surrounding environment, may not connect when enclosed or blocked by metal (e.g., from inside a metal cabinet) or by other physical objects such as walls. TV and Wireless One Connect require separate power cord connections.

⁵4K 240Hz is only available with PC connected games that support such specifications (PC graphic card required). Performance may vary.

⁶Utilities AI-Based formulas.

⁷Samsung Account required for network-based smart services, including streaming apps and other smart features. Computer, mobile or other device may be necessary to create/login to Samsung Account (free to download and create). Without Account login, 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.

⁸2D-Symphony requires a compatible 2020-2025 Samsung TV. Please refer to [samsung.com](https://www.samsung.com) for more information.

⁹Fees apply to subscription service. Art pieces in the Art Store are subject to change without prior notice.

¹⁰Samsung 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/login into Samsung Account (free to download and create). Without Account login, only external device connections (e.g., via HDMI) and terrestrial/over-the-air TV (only for TVs with tuners) available.

¹¹SmartThings require compatible devices only. SmartThings app download may be required.

¹²Subscriptions may be required for some services. Smart Trainer support devices may vary by country.

¹³High speed internet connection, additional gaming service subscriptions and compatible controller required.

¹⁴Super 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.