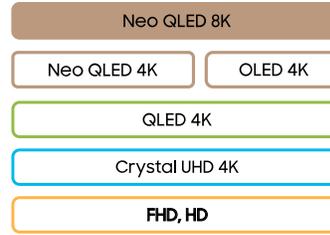




CLASS HIERARCHY



SIZE CLASS

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 AI<sup>1</sup>. Nearly edgeless design and a glare-free screen are complemented by a wireless connection hub<sup>2</sup> for a clutter-free, modern design.

TOP 10 KEY FEATURES

1. NQ8 AI Gen3 Processor<sup>3</sup>
2. 8K AI Upscaling Pro<sup>3</sup>
3. Wireless One Connect<sup>4</sup>
4. Glare Free
5. Motion Xcelerator 240Hz<sup>5</sup>
6. AI Motion Enhancer Pro<sup>6</sup>
7. Auto HDR Remastering
8. Dolby Atmos and Object Tracking Sound Pro
9. Endless Free Content<sup>7</sup>
10. AI Customization Mode<sup>6</sup>

PICTURE (PANEL)

- Display Type: Neo QLED 8K
- Refresh Rate: 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)

- Processor: NQ8 AI Gen3 Processor<sup>3</sup>
- Upscaling: 8K AI Upscaling Pro<sup>3</sup>
- Variable Refresh Rate (VRR): Yes
- Motion Handling: Motion Xcelerator 240Hz<sup>5</sup>
- Contrast Enhancer: Real Depth Enhancer Pro
- Object Motion Enhancing: AI Motion Enhancer Pro<sup>6</sup>
- Color: Color Booster Pro
- EyeComfort Mode: Yes
- HDR (High Dynamic Range):  
85"-75": Neo Quantum HDR 8K Pro  
65": Neo Quantum HDR 8K+
- HDR10+: Yes (Adaptive/Gaming)
- Auto HDR Remastering: Pro
- Adaptive Picture: AI Optimized/AI Customization<sup>6</sup>
- Supersize Picture Enhancer: 85"

AUDIO

- Speaker Type: 6.2.4CH
- Output Power: 90W
- Dolby Atmos: Yes
- Object Tracing Sound (OTS): OTS Pro
- Q-Symphony: Yes
- Active Voice Amplifier (AVA): AVA Pro

- Adaptive Sound: Pro
- Bluetooth Audio: Yes
- 360 Audio: Yes

DESIGN

- TV Design: Infinity Air
- Bezel Type: Zero Bezel
- Front Color: Graphite Black
- Stand Type: Infinity Air Stand
- Stand Color: Space Graphite
- Adjustable Stand: N/A

CONNECTIVITY

- Wi-Fi: Yes (Wi-Fi 6E)
- Bluetooth: BT5.3
- One Connect Box: Wireless One Connect<sup>4</sup>
- One Connect Box Holder: N/A
- HDMI Input: 5 Ports
- HDMI Maximum Input Rate: 8K 120Hz, 4K 240Hz (For HDMI 1/2/3/4/5)
- 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 AI<sup>1</sup>

- Live Translate: Yes<sup>8</sup>
- Click to Search: Yes<sup>9</sup>
- Generative Wallpaper: Yes
- Pet & Family Care: Yes
- Home Insight: Yes
- Universal Gestures/Quick Control: Yes

TV ART FEATURES

- Art Mode: N/A
- Art Store: Yes<sup>10</sup>

SMART TV FEATURES<sup>7</sup>

- Operating System: One UI Tizen<sup>11</sup>
- AI TV: Samsung Vision AI<sup>1</sup>
- Free Ad Supported TV: Samsung TV Plus
- Smart Home Connectivity: SmartThings, Matter, IoT-Sensor Functionality<sup>12</sup>
- 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 Health: Yes<sup>13</sup>
- 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 Hub: Yes<sup>14</sup>
- 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: Yes<sup>15</sup>
- 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):  
85": 0.5W      65": 0.5W  
75": 0.5W
- Typical Power Consumption (W):  
85": 362W      65": 310W  
75": 327W
- Max Power Consumption (W):  
85": 415W      65": 335W  
75": 375W

INCLUDED ACCESSORIES

- Remote Control: SolarCell Remote TM2560E
- Wireless One Connect Box: Yes<sup>4</sup>
- Power Cable: Yes

## MODELS

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 BOX<sup>4</sup>
- 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 BOX<sup>4</sup>
- 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 BOX<sup>4</sup>
- POWER CABLE
- USER MANUAL

WARRANTY: [CLICK HERE](#)

<sup>1</sup>Samsung Vision AI features vary by model; see individual model for more info.

<sup>2</sup>TV 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.

<sup>3</sup>Utilizes AI-Based formulas to upscale to 8K resolution. Resulting picture may vary based on source content.

<sup>4</sup>Wireless 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.

<sup>5</sup>4K 240Hz is only available with PC connected games that support such specifications (PC graphic card required). Performance may vary.

<sup>6</sup>Utilizes AI-Based formulas.

<sup>7</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>8</sup>Works with antenna broadcast only. Available languages vary and may require download. Translation accuracy not guaranteed.

<sup>9</sup>Click to Search Who's On feature only works with terrestrial, cable TV and Samsung TV Plus. Click to Search Watch Next feature utilizes AI based algorithms.

<sup>10</sup>Fees apply to subscription service. Art pieces in the Art Store are subject to change without prior notice.

<sup>11</sup>One UI Tizen OS updates are available for up to 7 years from the product release year starting in 2025. 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>12</sup>SmartThings require compatible devices only. SmartThings app download may be required.

<sup>13</sup>Subscriptions may be required for some services. Smart Trainer support devices may vary by country.

<sup>14</sup>High speed internet connection, additional gaming service subscriptions and compatible controller required.

<sup>15</sup>Super 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.