CLASS HIERARCHY

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

SIZE CLASS

85”	QN85QN900F
75”	QN75QN900F
65”	QN65QN900F

Samsung Vision AI · Dolby Atmos · HDR10+ ADAPTIVE / GAMING · alexa built-in · SmartThings · PANTONE Validated

Advanced processing powers Samsung Vision AI[1] for hyper-real 8K picture with the tiniest details unlocked by Quantum Matrix Mini LEDs, immersive audio with top channel speakers, and breakthrough TV experiences. A nearly edgless screen with glare free round out an enriched 8K experience.

TOP 10 KEY FEATURES

1. 8K AI Upscaling[2]
2. Metal Frame Design
3. Art Store[3]
4. Glare Free
5. Motion Xcelerator 165Hz[4]
6. AI Motion Enhancer[5]
7. Auto HDR Remastering
8. Dolby Atmos and Object Tracking Sound+
9. Endless Free Content / One UI Tizen[6]
10. AI Customization Mode[5]

PICTURE (PANEL)

- **Display Type:** Neo QLED 8K
- **Refresh Rate:** 120Hz (Up to 4K 165Hz)
- **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 Gen2 Processor
- **Upscaling[2]:** 8K AI Upscaling
- **Variable Refresh Rate (VRR):** Yes
- **Motion Handling[4]:** Motion Xcelerator 165Hz
- **Contrast Enhancer:** Real Depth Enhancer Pro
- **Object Motion Enhancing[5]:** AI Motion Enhancer
- **Color:** Color Booster Pro
- **EyeComfort Pro:** Yes
- **HDR (High Dynamic Range):** Neo Quantum HDR 8K Pro
- **HDR10+:** Yes (Adaptive/Gaming)
- **Auto HDR Remastering:** Yes
- **Adaptive Picture[5]:** AI Optimized/AI Customization
- **Supersize Picture Enhancer:** 85” only

AUDIO

- **Speaker Type:** 4.2.2CH
- **Output Power:** 70W
- **Dolby Atmos:** Yes
- **Object Tracing Sound (OTS):** OTS+
- **Q-Symphony[7]:** Yes
- **Active Voice Amplifier (AVA):** AVA Pro
- **Adaptive Sound:** Pro
- **Bluetooth Audio:** Yes
- **360 Audio:** Yes

DESIGN

- **TV Design:** Metal Frame Design
- **Bezel Type:** Chamfered Bezel
- **Front Color:** Titan Black
- **Stand Type:** Round Feet
- **Stand Color:** Black
- **Adjustable Stand:** Yes (See next page)

CONNECTIVITY

- **Wi-Fi:** Yes (Wi-Fi 6E)
- **Bluetooth:** BT5.3
- **One Connect Box:** N/A
- **HDMI Input:** 4 Ports
- **HDMI Maximum Input Rate:** 8K 60Hz, 4K 165Hz (For HDMI 1/2/3/4)
- **HDMI Audio Return Channel:** eARC
- **HDMI-CEC:** Yes
- **USB Ports:** 2 x USB-A
- **Ethernet (LAN):** 1
- **Digital Audio Out (Optical):** 1
- **RF Connection:** 1
- **RS-232C Input:** 1

SAMSUNG VISION AI[1]

- **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 Store[3]:** Yes

SMART TV FEATURES[8]

- **Operating System[6]:** One UI Tizen
- **AI TV:** Samsung Vision AI[1]
- **Free Ad Supported TV:** Samsung TV Plus
- **Smart Home Connectivity[9]:** 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 Health[10]:** 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 Hub[11]:** 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 View[12]:** 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):** TBD
- **Typical Power Consumption (W):** 85”: TBD; 75”: 337W; 65”: 316W
- **Energy Saving Consumption (W):** TBD

INCLUDED ACCESSORIES

- **Remote Control:** SolarCell™ Remote TM2560E
- **Power Cable:** Yes

MODELS

MODEL: QN85QN900F
ORDER CODE: QN85QN900FFXZA

SCREEN SIZE CLASS: 85"

SCREEN DIAGONAL MEASUREMENT: 84.5"

UPC CODE: 887276936833

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):
- TV WITHOUT STAND: 75.1 X 42.8 X 1.6
- TV WITH STAND (LOWEST): 75.1 X 45.3 X 14.5
- TV WITH STAND (HIGHEST): 75.1 X 44.3 X 14.5
- SHIPPING: 81.5 X 47.2 X 7
- STAND FOOTPRINT: 1 X 10.3 X 14.5
- DISTANCE BETWEEN STANDS (STANDARD): 64.4"
- DISTANCE BETWEEN STANDS (MINIMUM): 14.2"

WEIGHT (LB):
- TV WITHOUT STAND: 100.3
- TV WITH STAND: 101.9
- SHIPPING: 127.2
- STAND WEIGHT: 1.5

VESA SUPPORT: Yes (600 x 400)

ACCESSORIES INCLUDED IN BOX:
- REMOTE MODEL: SOLARCELL™ REMOTE
- POWER CABLE
- USER MANUAL

WARRANTY: CLICK HERE

MODEL: QN75QN900F
ORDER CODE: QN75QN900FFXZA

SCREEN SIZE CLASS: 75"

SCREEN DIAGONAL MEASUREMENT: 74.5"

UPC CODE: 887276936826

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):
- TV WITHOUT STAND: 66.1 X 37.7 X 1.5
- TV WITH STAND (LOWEST): 66.1 X 40.1 X 12.6
- TV WITH STAND (HIGHEST): 66.1 X 39.1 X 12.6
- SHIPPING: 72.1 X 42.5 X 6.7
- STAND FOOTPRINT: 1 X 9.4 X 12.6
- DISTANCE BETWEEN STANDS (STANDARD): 55.3"
- DISTANCE BETWEEN STANDS (MINIMUM): 13.4"

WEIGHT (LB):
- TV WITHOUT STAND: 78.9
- TV WITH STAND: 80
- SHIPPING: 100.8
- STAND WEIGHT: 1.1

VESA SUPPORT: Yes (400 x 400)

ACCESSORIES INCLUDED IN BOX:
- REMOTE MODEL: SOLARCELL™ REMOTE
- POWER CABLE
- USER MANUAL

WARRANTY: CLICK HERE

MODEL: QN65QN900F
ORDER CODE: QN65QN900FFXZA

SCREEN SIZE CLASS: 65"

SCREEN DIAGONAL MEASUREMENT: 64.5"

UPC CODE: 887276936772

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):
- TV WITHOUT STAND: 57.3 X 32.7 X 1.5
- TV WITH STAND (LOWEST): 57.3 X 35.1 X 10.1
- TV WITH STAND (HIGHEST): 57.3 X 34.1 X 10.1
- SHIPPING: 63 X 36.7 X 6.5
- STAND FOOTPRINT: 1 X 8.6 X 10.1
- DISTANCE BETWEEN STANDS (STANDARD): 46.6"
- DISTANCE BETWEEN STANDS (MINIMUM): 13.4"

WEIGHT (LB):
- TV WITHOUT STAND: 56.4
- TV WITH STAND: 57.1
- SHIPPING: 72.8
- STAND WEIGHT: 0.7

VESA SUPPORT: YES (400 X 300)

ACCESSORIES INCLUDED IN BOX:
- REMOTE MODEL: SOLARCELL™ REMOTE
- POWER CABLE
- USER MANUAL

WARRANTY: CLICK HERE

[1]Samsung Vision AI features vary by model; see individual model for more info.
[2]Utilizes AI-Based formulas to upscale to 8K resolution. Resulting picture may vary based on source content.
[3]Samsung Account log-in and Wi-Fi connection are required. Paid subscription required to enjoy all the art [s?] from the Art Store. Includes free 30 refreshed artworks monthly through Art Store Streams and over 70 ambient content supported complimentary throughout the year.
[4]4K 165Hz is only available with PC connected games that support such specifications (PC graphic card required). Performance may vary.
[5]Utilizes AI-Based formulas
[6]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.
[7]Q-Symphony requires a compatible 2020-2025 Samsung TV. Please refer to samsung.com for more information.
[8]Samsung 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/log 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.
[9]SmartThings require compatible devices only. SmartThings app download may be required.
[10]Subscriptions may be required for some services. Smart Trainer support devices may vary by country.
[11]High speed internet connection, additional gaming service subscriptions and compatible controller required.
[12]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.