



CLASS HIERARCHY

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

SIZE CLASS

85"	QN85QN70FD
75"	QN75QN70FD
65"	QN65QN70FD
55"	QN55QN70FD



Take full advantage of Samsung Vision AI^{1,2} with enhanced picture and sound quality³, plus experiences uniquely tailored to you. And with access to free, premium channels, there's always something great to watch⁴ — in vivid, high-contrast detail brought to life by proprietary Mini LEDs.

TOP 10 KEY FEATURES

1. NQ4 AI Gen2 Processor ³	6. Neo Quantum HDR
2. Quantum Matrix Technology Slim	7. Auto HDR Remastering
3. Motion Xcelerator 144Hz ⁴	8. FreeSync Premium™ Pro ⁵
4. AirSlim	9. Object Tracking Sound Lite and Q-Symphony ⁶
5. 4K AI Upscaling ³	10. Endless Free Content ⁷

PICTURE (PANEL)

Display Type: Neo QLED 4K
Refresh Rate: 120Hz (Up to 144Hz)
Lighting Technology: Quantum Matrix Technology Slim
Display Resolution: 4K (3,840 x 2,160)
Anti Reflection: N/A
Viewing Angle: Wide Viewing Angle
Dimming Technology: Ultimate UHD Dimming

PICTURE (PROCESSING)

Processor: NQ4 AI Gen2 Processor ³
Upscaling: 4K AI Upscaling ³
Variable Refresh Rate (VRR): Yes
Motion Handling: Motion Xcelerator 144Hz ⁴
Contrast Enhancer: Real Depth Enhancer
Object Motion Enhancing: N/A
Color: Color Booster Pro
EyeComfort: Yes
HDR (High Dynamic Range): Neo Quantum HDR
HDR10+: Yes (Adaptive/Gaming)
Auto HDR Remastering: Yes
Adaptive Picture: AI Optimized / AI Customization
Supersize Picture Enhancer: N/A

AUDIO

Speaker Type: 2CH
Output Power: 20W
Dolby Atmos: Yes
Object Tracking Sound (OTS): OTS Lite
Q-Symphony: Yes ⁶
Active Voice Amplifier (AVA): Pro
Adaptive Sound: Pro
Bluetooth Audio: Yes
360 Audio: Yes

DESIGN

TV Design: Air Slim
Bezel Type: 3 Bezel-less
Front Color: Black
Stand Type: Aero Center
Stand Color: Black
Adjustable Stand: N/A

CONNECTIVITY

Wi-Fi: Yes (Wi-Fi 5)
Bluetooth: Yes (BT5.2)
One Connect Box: N/A
HDMI Input: 4 Ports
HDMI Maximum Input Rate: 4K 144Hz (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: N/A

SAMSUNG VISION AI^{1,2}

Live Translate: Yes
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 ^{8,9}

SMART TV FEATURES⁴

Operating System: One UI Tizen
AI TV: Samsung Vision AI ^{1,2}
Free Ad Supported TV: Samsung TV Plus
Smart Home Connectivity: SmartThings, Matter, IoT- Sensor Functionality ¹⁰
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 ¹¹
Multi Device Experience: TV to Mobile, Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On, Tap View
Multi-View: Up to 2 Videos
Ambient Mode: N/A
Buds Auto Switch: Yes
Works with Apple Airplay: Yes
Works with Google Cast: Yes
Daily+: Yes
Daily Board: N/A
Workout Tracker: Yes
Karaoke Mic: Yes
Multi-Control: Yes
ConnecTime: Yes
Screen Vitals: Yes
Storage Share: Yes

GAMING

Gaming Hub: Yes ¹²
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 ¹³
Game Bar: Yes
Mini Map Zoom: Yes
VRR Standard: Freesync Premium™ Pro ⁵
HGiG: Yes
Hue Sync: Yes

SECURITY

Knox Vault: N/A
Knox Security: Yes

POWER

Power Supply (V): AC110-120V~ 50/60Hz
Standby Power Consumption (W): 0.5W
Typical Power Consumption (W):
85": 235W 65": 164W
75": 183W 55": 126W
Max Power Consumption (W):
85": 295W 65": 205W
75": 250W 55": 185W

INCLUDED ACCESSORIES

Remote Control: SolarCell™ Remote TM2560E
Power Cable: Yes

MODELS

MODEL: QN85QN70FD ORDER CODE: QN85QN70DFDXZA
SCREEN SIZE CLASS: 85"
SCREEN DIAGONAL MEASUREMENT: 84.5"
UPC CODE: 887276930244
COUNTRY OF ORIGIN: MEXICO
DIMENSIONS (INCHES W X H X D): - TV WITHOUT STAND: 74.9 X 42.8 X 1.1 - TV WITH STAND (LOWEST): 74.9 X 45 X 14.4 - SHIPPING: 81.1 X 47.2 X 6.7 - STAND FOOTPRINT: 14.7 X 10.5 X 14.4
WEIGHT (LB): - TV WITHOUT STAND: 88.4 - TV WITH STAND: 91.9 - SHIPPING: 117.5
VESA SUPPORT: YES (600 X 400)
ACCESSORIES INCLUDED IN BOX: - REMOTE MODEL: SOLARCELL™ REMOTE TM2560E - POWER CABLE - USER MANUAL
WARRANTY: CLICK HERE

MODEL: QN65QN70FD ORDER CODE: QN65QN70DFDXZA
SCREEN SIZE CLASS: 65"
SCREEN DIAGONAL MEASUREMENT: 64.5"
UPC CODE: 887276930220
COUNTRY OF ORIGIN: MEXICO
DIMENSIONS (INCHES W X H X D): - TV WITHOUT STAND: 57.2 X 32.8 X 1 - TV WITH STAND (LOWEST): 57.2 X 35.1 X 11 - SHIPPING: 62.9 X 36.7 X 5.8 - STAND FOOTPRINT: 12.3 X 9.3 X 11
WEIGHT (LB): - TV WITHOUT STAND: 45.9 - TV WITH STAND: 48.1 - SHIPPING: 64.2
VESA SUPPORT: YES (400 X 300)
ACCESSORIES INCLUDED IN BOX: - REMOTE MODEL: SOLARCELL™ REMOTE TM2560E - POWER CABLE - USER MANUAL
WARRANTY: CLICK HERE

MODEL: QN75QN70FD ORDER CODE: QN75QN70DFDXZA
SCREEN SIZE CLASS: 75"
SCREEN DIAGONAL MEASUREMENT: 74.5"
UPC CODE: 887276930237
COUNTRY OF ORIGIN: MEXICO
DIMENSIONS (INCHES W X H X D): - TV WITHOUT STAND: 66 X 37.8 X 1 - TV WITH STAND (LOWEST): 66 X 40 X 13.1 - SHIPPING: 71.5 X 42.5 X 6.5 - STAND FOOTPRINT: 13.9 X 9.9 X 6.5
WEIGHT (LB): - TV WITHOUT STAND: 65.3 - TV WITH STAND: 68.1 - SHIPPING: 88.8
VESA SUPPORT: YES (400 X 400)
ACCESSORIES INCLUDED IN BOX: - REMOTE MODEL: SOLARCELL™ REMOTE TM2560E - POWER CABLE - USER MANUAL
WARRANTY: CLICK HERE

MODEL: QN55QN70FD ORDER CODE: QN55QN70DFDXZA
SCREEN SIZE CLASS: 55"
SCREEN DIAGONAL MEASUREMENT: 54.6"
UPC CODE: 887276930206
COUNTRY OF ORIGIN: MEXICO
DIMENSIONS (INCHES W X H X D): - TV WITHOUT STAND: 48.5 X 27.9 X 1 - TV WITH STAND (LOWEST): 48.5 X 30.1 X 9.7 - SHIPPING: 10.3 X 8.6 X 9.7 - STAND FOOTPRINT: 10.3 X 8.6 X 9.7
WEIGHT (LB): - TV WITHOUT STAND: 31.3 - TV WITH STAND: 33.1 - SHIPPING: 43.4
VESA SUPPORT: YES (200 X 200)
ACCESSORIES INCLUDED IN BOX: - REMOTE MODEL: SOLARCELL™ REMOTE TM2560E - POWER CABLE - USER MANUAL
WARRANTY: CLICK HERE

¹Samsung Vision AI features vary by model; see product specifications on Samsung.com for more info.
²Samsung Vision AI is only available on 2025 Neo QLED 8K, Neo QLED, QLED, and QLED TV models. Samsung Vision AI features may also vary by model. Utilizes AI-Based formulas.
³Utilizes AI-Based formulas to upscale to 4K resolution. Resulting picture may vary based on source content.
⁴4K 144Hz is only available with PC connected games that support such specifications (PC graphic card required). Performance may vary.
⁵Viewing experience may vary according to types of content and graphics processing unit, as well as network connection speeds and ping levels when gaming on the cloud.
⁶SoundBar sold separately.
⁷Samsung Account required for network-based smart services, including streaming apps and other smart features. A computer, mobile or other device may be necessary to create/login 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.
⁸Samsung Account log-in and Wi-Fi connection are required. Includes free 30 refreshed artworks monthly through Art Store Streams and over 70 ambient content supported complimentary throughout the year. Paid subscription required to enjoy all the art from the Art Store.
⁹Fees apply to subscription service. Art pieces in the Art Store are subject to change without prior notice.
¹⁰SmartThings require compatible devices only. SmartThings app download may be required.
¹¹Subscriptions may be required for some services. Smart Trainer support devices may vary by country.
¹²High speed internet connection, additional gaming service subscriptions and compatible controller required.
¹³Super 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.