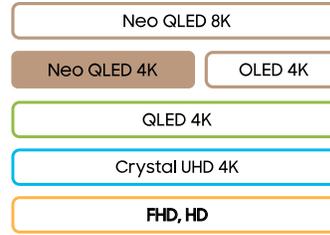




CLASS HIERARCHY



SIZE CLASS

100"	QN100QN80F
85"	QN85QN80F
75"	QN75QN80F
65"	QN65QN80F
55"	QN55QN80F



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TOP 10 KEY FEATURES

1. NQ4 AI Gen2 Processor
2. Quantum Matrix Technology Core
3. 4K AI Upscaling
4. Dolby Atmos
5. Motion Xcelerator 144Hz
6. Auto HDR Remastering
7. Color Booster Pro
8. Object Tracking Sound Lite
9. Endless Free Content / Samsung Tizen OS
10. Active Voice Amplifier Pro and Adaptive Sound Pro

PICTURE (PANEL)

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

PICTURE (PROCESSING)

- Processor: NQ4 AI Gen2 Processor
- Upscaling: 4K AI Upscaling¹
- Variable Refresh Rate (VRR): Yes
- Motion Handling²: Motion Xcelerator 144Hz
- Contrast Enhancer: Real Depth Enhancer
- Object Motion Enhancing: N/A
- Color: Color Booster Pro
- HDR (High Dynamic Range): Neo Quantum HDR
- HDR10+: Yes (Adaptive/Gaming)
- Auto HDR Remastering: Yes
- Adaptive Picture: Yes
- Supersize Picture Enhancer: 100", 85" only

AUDIO

- Speaker Type: 4Ch
- Output Power: 30W
- Dolby Atmos: Yes
- Object Tracking Sound (OTS): OTS Lite
- Q-Symphony: Pro
- Active Voice Amplifier (AVA): AVA Pro
- Adaptive Sound: Pro
- Bluetooth Audio: Yes
- 360 Audio: Yes

DESIGN

- TV Design: Simple Chamfer
- Bezel Type: 3 Bezel-less
- Front Color: Titan Black
- Stand Type: 100": Metal Linear
85"-55": Aero Center
- Stand Color: 100": Titan Black
85"-55": Black
- Adjustable Stand: N/A

CONNECTIVITY

- Wi-Fi: Yes (Wi-Fi 5)
- Bluetooth: Yes (BT5.3)
- One Connect Box: N/A
- HDMI Input: 4³
- 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: 1

SAMSUNG VISION AI⁴

- Live Translate: Yes
- Click to Search: 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: Yes⁴

SMART TV FEATURES⁵

- Operating System: Samsung Tizen OS
- AI TV: Samsung Vision AI⁴
- Free Ad Supported TV: Samsung TV Plus
- Smart Home Connectivity: SmartThings, Matter, IoT-Sensor Functionality⁵
- Smart Assistants (Built-In): Bixby, Alexa
- Smart Assistants (Works with): Google Assistant
- Far-Field Voice Interactions: Yes
- Web Browser: Yes
- Samsung Health: Yes⁶
- 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: 115": Ambient Mode+
98"-43": 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: Yes⁷
- 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: Yes⁸
- Game Bar: Yes
- Mini Map Zoom: Yes
- VRR Standard: FreeSync Premium™ Pro
- 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):
100": TBD
85"-55": 0.5W
- Typical Power Consumption (W):
100": TBD 65": 217W
85": 314W 55": 175W
75": 254W
- Max Power Consumption (W):
100": TBD 65": 370W
85": 390W 55": 225W
75": 330W
- Energy Saving Consumption (W): TBD

INCLUDED ACCESSORIES

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

MODELS

MODEL: QN100QN80F
ORDER CODE: QN100QN80FFXZA

SCREEN SIZE CLASS: 100"

SCREEN DIAGONAL MEASUREMENT: 99.8"

UPC CODE: 887276931890

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):

- TV WITHOUT STAND: 87.8 X 50.1 X 2.3
- TV WITH STAND (LOWEST): 87.8 X 52.5 X 16.4
- SHIPPING: 94.4 X 56.9 X 9.1
- STAND FOOTPRINT: 0.3 X 12.5 X 16.4

WEIGHT (LB):

- TV WITHOUT STAND: 129.9
- TV WITH STAND: 132.9
- SHIPPING: 180.1

VESA SUPPORT: YES (600 X 400)

ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
- POWER CABLE
- USER MANUAL

MODEL: QN75QN80F
ORDER CODE: QN75QN80FAFXZA

SCREEN SIZE CLASS: 75"

SCREEN DIAGONAL MEASUREMENT: 74.5"

UPC CODE: 887276931951

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):

- TV WITHOUT STAND: 65.8 X 37.7 X 1.9
- TV WITH STAND (LOWEST): 65.8 X 40 X 13.1
- SHIPPING: 71.7 X 42.3 X 6.7
- STAND FOOTPRINT: 13.9 X 9.9 X 13.1

WEIGHT (LB):

- TV WITHOUT STAND: 71
- TV WITH STAND: 73.9
- SHIPPING: 100.8

VESA SUPPORT: YES (400 X 400)

ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
- POWER CABLE
- USER MANUAL

MODEL: QN85QN80F
ORDER CODE: QN85QN80FAFXZA

SCREEN SIZE CLASS: 85"

SCREEN DIAGONAL MEASUREMENT: 84.5"

UPC CODE: 887276931906

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):

- TV WITHOUT STAND: 74.5 X 42.6 X 1.9
- TV WITH STAND (LOWEST): 74.5 X 44.8 X 14.4
- SHIPPING: 80.9 X 47.2 X 7
- STAND FOOTPRINT: 14.7 X 10.5 X 14.4

WEIGHT (LB):

- TV WITHOUT STAND: 89.5
- TV WITH STAND: 93
- SHIPPING: 119.3

VESA SUPPORT: YES (600 X 400)

ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
- POWER CABLE
- USER MANUAL

MODEL: QN65QN80F
ORDER CODE: QN65QN80FAFXZA

SCREEN SIZE CLASS: 65"

SCREEN DIAGONAL MEASUREMENT: 64.5"

UPC CODE: 887276931944

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):

- TV WITHOUT STAND: 56.9 X 32.6 X 1.8
- TV WITH STAND (LOWEST): 56.9 X 34.9 X 11
- SHIPPING: 62.7 X 36.6 X 6.2
- STAND FOOTPRINT: 12.3 X 9.3 X 11

WEIGHT (LB):

- TV WITHOUT STAND: 50
- TV WITH STAND: 52.2
- SHIPPING: 67.9

VESA SUPPORT: YES (400 X 300)

ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
- POWER CABLE
- USER MANUAL

*Samsung Vision AI is only available on 2025 Neo QLED 8K, Neo QLED, QLED, and QLED TV models. Excludes Crystal UHD, FHD, and HD TV models. Samsung Vision AI features may also vary by model. Utilizes AI-based formulas.

†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/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.

‡Utilizes AI-based formulas.

§144Hz is limited to 4K resolution and requires compatible content connections from compatible PCs. Motion Xcelerator 144Hz is sometimes called Motion Xcelerator Turbo+.

¶HDMI-CEC (Consumer Electronics Control) facilitates convenient control functions with compatible devices.

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

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

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

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

††††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.

MODELS

MODEL: QN55QN80F
ORDER CODE: QN55QN80FAFXZA

SCREEN SIZE CLASS: 55"

SCREEN DIAGONAL MEASUREMENT: 54.6"

UPC CODE: 887276931937

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):

- TV WITHOUT STAND: 48.3 X 27.8 X 1.9
- TV WITH STAND (LOWEST): 48.3 X 30.1 X 9.7
- SHIPPING: 53.2 X 32 X 5.8
- STAND FOOTPRINT: 10.3 X 8.6 X 9.7

WEIGHT (LB):

- TV WITHOUT STAND: 36.2
- TV WITH STAND: 37.9
- SHIPPING: 49.6

VESA SUPPORT: YES (200 X 200)

ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
- POWER CABLE
- USER MANUAL

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