CLASS HIERARCHY

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

alexa built-in   SmartThings

SIZE CLASS

Size	Model
85"	QN85Q8F
75"	QN75Q8F
65"	QN65Q8F
55"	QN55Q8F
50"	QN50Q8F
43"	QN43Q8F
32"	QN32Q8F

Elevate your entertainment with vivid visuals and dynamic audio tailored to your content. Scenes are lifelike with over a billion shades of color, distinctive contrast and pristine detail. Enjoy innovative personalized experiences with Samsung Vision AI[1] and also get access thousands of live TV channels, movies, and shows—all for free.

TOP 10 KEY FEATURES

1. Q4 AI Processor[2]
2. 100% Color Volume with Quantum Dot[3]
3. AirSlim
4. Endless Free Content[4]
5. Motion Xcelerator 144Hz[5]
6. Quantum HDR+[6]
7. Samsung Knox Security[7]
8. Color Booster Pro[8]
9. Active Voice Amplifier[9] and Adaptive Sound[10]
10. AI Customization Mode[8,11]

PICTURE (PANEL)

Display Type: QLED

Refresh Rate: 85"-55": 120Hz (Up to 144Hz)
50"-32": 60Hz

Lighting Technology:
85"-43": Dual LED
32": Mega Contrast

Display Resolution: 4K (3,840 x 2,160)

Anti Reflection: N/A

Viewing Angle:
85"-55": Wide Viewing Angle
50"-32": N/A

Dimming Technology: Supreme UHD Dimming

PICTURE (PROCESSING)

Processor: Q4 AI Gen1 Processor[2]

Upscaling: 4K Upscaling

Variable Refresh Rate (VRR):
85"-55": Yes
50"-32": N/A

Motion Handling:
85"-55": Motion Xcelerator 144Hz[5]
50"-32": Motion Xcelerator

Contrast Enhancer: Yes

Object Motion Enhancing: N/A

Color: 100% Color Volume[3]

Color Booster: Pro[8]

HDR (High Dynamic Range):
85"-43": Quantum HDR+[6]
32": Quantum HDR

HDR10+: 85"-43": Yes (Adaptive)
32": Supported

Auto HDR Remastering:
85"-55": Yes
50"-32": N/A

Adaptive Picture:
85"-43": AI Customization[8,11]
32": N/A

Supersize Picture Enhancer: N/A

AUDIO

Speaker Type: 2CH

Output Power: 20W

Dolby Atmos: N/A

Object Tracking Sound (OTS): OTS Lite

Q-Symphony: Yes

Active Voice Amplifier (AVA):
85"-43": Yes[9]
32": N/A

Adaptive Sound: 85"-43": Yes[10]
32": N/A

Bluetooth Audio: Yes

360 Audio: 85"-55": Yes
50"-32": N/A

DESIGN

TV Design: AirSlim

Bezel Type: 3 Bezel-less

Front Color: Black

Stand Type: 85"-43": AERO LINEAR
32": Simple Feet

Stand Color: Black

Adjustable Stand: N/A

CONNECTIVITY

Wi-Fi: Yes (Wi-Fi 5)

Bluetooth: Yes (BT5.3)

One Connect Box: N/A

HDMI Input:
85"-55": 4 Ports
50"-32": 3 Ports

HDMI Maximum Input Rate:
85"-55": 4K 144Hz (for HDMI 1/2/3/4)
50"-32": 4K 60Hz (for HDMI 1/2/3)

HDMI Audio Return Channel:
85"-55": eARC
50"-32": eARC/ARC

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]

Live Translate: 85"-55": Yes
50"-32": N/A

Generative Wallpaper: Yes

Pet & Family Care: N/A

Home Insight: Yes

Universal Gestures/Quick Control: Yes

TV ART FEATURES

Art Mode: N/A

Art Store: Yes[12]

SMART TV FEATURES[4]

Operating System: One UI Tizen

AI TV: Samsung Vision AI[1]

Free Ad Supported TV: Samsung TV Plus

Smart Home Connectivity: SmartThings, Matter, IoT-Sensor Functionality[13]

Smart Assistants (Built-In): Bixby, Alexa

Smart Assistants (Works with): Google Assistant

Far-Field Voice Interactions: 85"-43": Yes
32": N/A

Web Browser: Yes

Samsung Health: Yes[14]

Multi Device Experience:
85"-55": TV to Mobile, Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On, Tap View
50"-32": Mobile to TV, Sound Mirroring, Wireless TV On, Tap View

Multi-View: Up to 2 Videos

Ambient Mode: N/A

GAMING (column 4)

Buds Auto Switch: Yes

Works with Apple Airplay: Yes

Daily+: Yes

Daily Board: 85"-43": Voice/User Detection
32": N/A

Workout Tracker: Yes

Karaoke Mic: Yes

Multi-Control: Yes

ConnecTime: Yes

Screen Vitals: 85"-55": Yes
50"-32": N/A

Storage Share: Yes

GAMING

Gaming Hub: Yes[15]

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[16]

Game Bar: Yes

Mini Map Zoom: Yes

VRR Standard: 85"-55": Free Sync Premium™
50"-32": N/A

HGiG: Yes

Hue Sync: Yes

SECURITY

Knox Vault: N/A

Knox Security: Yes[7]

INCLUDED ACCESSORIES

Remote Control: SolarCell™ Remote TM2560E

Power Cable: Yes

MODELS

MODEL: QN85Q8F
ORDER CODE: QN85Q8FAAFXZA

SCREEN SIZE CLASS: 85"

SCREEN DIAGONAL MEASUREMENT: 84.5"

UPC CODE: 887276999197

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):
· TV WITHOUT STAND: 74.8 X 42.8 X 1.1
· TV WITH STAND (LOWEST): 74.8 X 45 X 14.4
· SHIPPING: 81.1 X 47.2 X 6.7
· STAND FOOTPRINT: 0.8 X 10.5 X 14.4

WEIGHT (LB):
· TV WITHOUT STAND: 89.1
· TV WITH STAND: 91.1
· SHIPPING: 116.6

VESA SUPPORT: YES (600 X 400)

ACCESSORIES INCLUDED IN BOX:
· REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
· POWER CABLE
· USER MANUAL

WARRANTY: CLICK HERE

MODEL: QN75Q8F
ORDER CODE: QN75Q8FAAFXZA

SCREEN SIZE CLASS: 75"

SCREEN DIAGONAL MEASUREMENT: 74.5"

UPC CODE: 887276999173

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 40.1 X 12.9
· SHIPPING: 71.5 X 42.5 X 6.5
· STAND FOOTPRINT: 0.8 X 10 X 12.9

WEIGHT (LB):
· TV WITHOUT STAND: 64.2
· TV WITH STAND: 65.5
· SHIPPING: 86.2

VESA SUPPORT: YES (400 X 400)

ACCESSORIES INCLUDED IN BOX:
· REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
· POWER CABLE
· USER MANUAL

WARRANTY: CLICK HERE

MODEL: QN65Q8F
ORDER CODE: QN65Q8FAAFXZA

SCREEN SIZE CLASS: 65"

SCREEN DIAGONAL MEASUREMENT: 64.5"

UPC CODE: 887276999210

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):
· TV WITHOUT STAND: 57.1 X 32.7 X 1
· TV WITH STAND (LOWEST): 57.1 X 35 X 10.6
· SHIPPING: 62.9 X 36.7 X 5.8
· STAND FOOTPRINT: 0.7 X 9.3 X 10.6

WEIGHT (LB):
· TV WITHOUT STAND: 45.6
· TV WITH STAND: 46.7
· SHIPPING: 62.2

VESA SUPPORT: YES (400 X 300)

ACCESSORIES INCLUDED IN BOX:
· REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
· POWER CABLE
· USER MANUAL

WARRANTY: CLICK HERE

MODEL: QN55Q8F
ORDER CODE: QN55Q8FAAFXZA

SCREEN SIZE CLASS: 55"

SCREEN DIAGONAL MEASUREMENT: 54.6

UPC CODE: 887276999142

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 30.2 X 9.4
· SHIPPING: 53.9 X 32.2 X 5.6
· STAND FOOTPRINT: 0.7 X 8.7 X 9.4

WEIGHT (LB):
· TV WITHOUT STAND: 30.6
· TV WITH STAND: 31.5
· SHIPPING: 42.1

VESA SUPPORT: YES (200 X 200)

ACCESSORIES INCLUDED IN BOX:
· REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
· POWER CABLE
· USER MANUAL

WARRANTY: CLICK HERE

MODELS

MODEL: QN50Q8F
ORDER CODE: QN50Q8FAAFXZA

SCREEN SIZE CLASS: 50"

SCREEN DIAGONAL MEASUREMENT: 49.5"

UPC CODE: 887276990903

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):
- TV WITHOUT STAND: 44 X 25.4 X 1
- TV WITH STAND (LOWEST): 44 X 27.6 X 9.4
- SHIPPING: 48.9 X 29.3 X 4.9
- STAND FOOTPRINT: 0.7 X 8.7 X 9.4

WEIGHT (LB):
- TV WITHOUT STAND: 23.8
- TV WITH STAND: 24.7
- SHIPPING: 31.5

VESA SUPPORT: YES (200 X 200)

ACCESSORIES INCLUDED IN BOX:
- REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
- POWER CABLE
- USER MANUAL

WARRANTY: CLICK HERE

MODEL: QN43Q8F
ORDER CODE: QN43Q8FAAFXZA

SCREEN SIZE CLASS: 43"

SCREEN DIAGONAL MEASUREMENT: 42.5"

UPC CODE: 887276990880

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):
- TV WITHOUT STAND: 38 X 22 X 1
- TV WITH STAND (LOWEST): 38 X 24.2 X 7.8
- SHIPPING: 42.7 X 25.5 X 4.7
- STAND FOOTPRINT: 0.6 X 8.5 X 7.8

WEIGHT (LB):
- TV WITHOUT STAND: 17.4
- TV WITH STAND: 18.1
- SHIPPING: 25.1

VESA SUPPORT: YES (200 X 200)

ACCESSORIES INCLUDED IN BOX:
- REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
- POWER CABLE
- USER MANUAL

WARRANTY: CLICK HERE

MODEL: QN32Q8F
ORDER CODE: QN32Q8FAAFXZA

SCREEN SIZE CLASS: 32"

SCREEN DIAGONAL MEASUREMENT: 31.5"

UPC CODE: 887276990941

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):
- TV WITHOUT STAND: 28.5 X 16.8 X 1.2
- TV WITH STAND (LOWEST): 28.5 X 18.8 X 6.1
- SHIPPING: 31.9 X 20.9 X 4.7
- STAND FOOTPRINT: 1.3 X 5.6 X 6.5

WEIGHT (LB):
- TV WITHOUT STAND: 11.7
- TV WITH STAND: 11.9
- SHIPPING: 16.8

VESA SUPPORT: YES (100 X 100)

ACCESSORIES INCLUDED IN BOX:
- REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
- 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 adjust color and sound
[3]100% color volume measured in Movie Mode and the DCI-P3 color space, certified by VDE
[4]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.
[5]4K 144Hz is only available with PC connected games that support such specifications (PC graphic card required). Performance may vary. 50"-32" have Motion Xcelerator.
[6]32" has Quantum HDR.
[7]Personal data includes directly input PIN-codes and passwords, and IoT device information shared through the SmartThings app. The latest software is required.
[8]Utilizes AI-Based formulas
[9]Active Voice Amplifier (AVA) is not available for 32".
[10]Adaptive Sound is not available for 32".
[11]AI Customization Mode is not available for 32".
[12]Fees apply to subscription service.
[13]SmartThings require compatible devices only. SmartThings app download may be required.
[14]Subscriptions may be required for some services. Smart Trainer support devices may vary by country.
[15]High speed internet connection, additional gaming service subscriptions and compatible controller required.
[16]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.