



CLASS HIERARCHY

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



SIZE CLASS

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 AI¹ 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. AVA and Adaptive Sound
10. AI Customization Mode ⁸

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

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 32": N/A
Adaptive Sound:	85"-43": Yes 32": N/A
Bluetooth Audio:	Yes
360 Audio:	85"-55": Yes 50"-32": N/A

USB Ports:	2 x USB-A
Ethernet (LAN):	1
Digital Audio Out (Optical):	N/A
RF Connection:	1
RS-232C Input:	N/A

SAMSUNG VISION AI¹

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

Works with Apple Airplay:	Yes
Works with Google Cast:	85"-55": Yes 50"-32": N/A
Daily+:	85"-43": Voice/User Detection 32": N/A
Daily Board:	Yes
Workout Tracker:	Yes
Karaoke Mic:	Yes
Multi-Control:	Yes
ConneCTime:	Yes
Screen Vitals:	85"-55": Yes 50"-32": N/A
Storage Share:	Yes

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+:	Yes (Adaptive)
Auto HDR Remastering:	85"-55": Yes 50"-32": N/A
Adaptive Picture:	85"-55": AI Customization ⁸ 32": N/A
Supersize Picture Enhancer:	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

TV ART FEATURES

Art Mode:	N/A
Art Store:	Yes ⁹

SMART TV FEATURES⁴

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 ¹⁰
Smart Assistants (Built-In):	Bixby, Alexa
Smart Assistants (Works with):	Google Assistant
Far-Field Voice Interactions:	85"-55": Yes 50"-32": N/A
Web Browser:	Yes
Samsung Health:	Yes ¹¹
Multi Device Experience:	Mobile to TV, Sound Mirroring, Wireless TV On, Tap View
Multi-View:	Up to 2 Videos
Ambient Mode:	N/A
Buds Auto Switch:	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:	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): <ul style="list-style-type: none">TV WITHOUT STAND: 74.8 X 42.8 X 1.1TV WITH STAND (LOWEST): 74.8 X 45 X 14.4SHIPPING: 81.1 X 47.2 X 6.7STAND FOOTPRINT: 0.8 X 10.5 X 14.4
WEIGHT (LB): <ul style="list-style-type: none">TV WITHOUT STAND: 87.7TV WITH STAND: 89.7SHIPPING: 115.3
VESA SUPPORT: YES (600 X 400)
ACCESSORIES INCLUDED IN BOX: <ul style="list-style-type: none">REMOTE MODEL: SOLARCELL™ REMOTE TM2560EPOWER CABLEUSER 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): <ul style="list-style-type: none">TV WITHOUT STAND: 57.1 X 32.7 X 1TV WITH STAND (LOWEST): 57.1 X 35 X 10.6SHIPPING: 62.9 X 36.7 X 5.8STAND FOOTPRINT: 0.7 X 9.3 X 10.6
WEIGHT (LB): <ul style="list-style-type: none">TV WITHOUT STAND: 45.6TV WITH STAND: 46.7SHIPPING: 62.2
VESA SUPPORT: YES (400 X 300)
ACCESSORIES INCLUDED IN BOX: <ul style="list-style-type: none">REMOTE MODEL: SOLARCELL™ REMOTE TM2560EPOWER CABLEUSER 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): <ul style="list-style-type: none">TV WITHOUT STAND: 66 X 37.8 X 1TV WITH STAND (LOWEST): 66 X 40.1 X 12.9SHIPPING: 71.5 X 42.5 X 6.5STAND FOOTPRINT: 0.8 X 10 X 12.9
WEIGHT (LB): <ul style="list-style-type: none">TV WITHOUT STAND: 64.2TV WITH STAND: 65.5SHIPPING: 86.2
VESA SUPPORT: YES (400 X 400)
ACCESSORIES INCLUDED IN BOX: <ul style="list-style-type: none">REMOTE MODEL: SOLARCELL™ REMOTE TM2560EPOWER CABLEUSER 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): <ul style="list-style-type: none">TV WITHOUT STAND: 48.5 X 27.9 X 1TV WITH STAND (LOWEST): 48.5 X 30.2 X 9.4SHIPPING: 53.9 X 32 X 5.6STAND FOOTPRINT: 0.7 X 8.7 X 9.4
WEIGHT (LB): <ul style="list-style-type: none">TV WITHOUT STAND: 30.6TV WITH STAND: 31.5SHIPPING: 42.1
VESA SUPPORT: YES (200 X 200)
ACCESSORIES INCLUDED IN BOX: <ul style="list-style-type: none">REMOTE MODEL: SOLARCELL™ REMOTE TM2560EPOWER CABLEUSER MANUAL
WARRANTY: CLICK HERE

¹Samsung Vision AI features vary by model; see individual model for more info
²Utilizes AI based formulas to adjust color and sound
³100% color volume measured in Movie Mode and the DCI-P3 color space, certified by VDE
⁴Personal data includes directly input PIN codes and passwords, and IoT device information shared through the SmartThings app. The latest software is required.
⁵Samsung Account required for network-based smart services, including streaming apps and other smart features. Computer, mobile or other device may be necessary to create/login 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.
⁶4K 144Hz is only available with PC connected games that support such specifications (PC graphic card required). Performance may vary. QN50Q8F, QN43Q8F, and QN32Q8F have Motion Xcelerator.
⁷85"-43" has Quantum HDR.
⁸Utilizes AI-Based formulas.
⁹Fees apply to subscription service.
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.

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): <ul style="list-style-type: none">TV WITHOUT STAND: 44 X 25.4 X 1TV WITH STAND (LOWEST): 44 X 27.6 X 9.4SHIPPING: 48.9 X 29.3 X 4.9STAND FOOTPRINT: 0.7 X 8.7 X 9.4
WEIGHT (LB): <ul style="list-style-type: none">TV WITHOUT STAND: 23.8TV WITH STAND: 24.7SHIPPING: 31.5
VESA SUPPORT: YES (200 X 200)
ACCESSORIES INCLUDED IN BOX: <ul style="list-style-type: none">REMOTE MODEL: SOLARCELL™ REMOTE TM2560EPOWER CABLEUSER 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): <ul style="list-style-type: none">TV WITHOUT STAND: 38 X 22 X 1TV WITH STAND (LOWEST): 38 X 24.2 X 7.8SHIPPING: 42.7 X 25.5 X 4.7STAND FOOTPRINT: 0.6 X 8.5 X 7.8
WEIGHT (LB): <ul style="list-style-type: none">TV WITHOUT STAND: 17.4TV WITH STAND: 18.1SHIPPING: 25.1
VESA SUPPORT: YES (200 X 200)
ACCESSORIES INCLUDED IN BOX: <ul style="list-style-type: none">REMOTE MODEL: SOLARCELL™ REMOTE TM2560EPOWER CABLEUSER 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): <ul style="list-style-type: none">TV WITHOUT STAND: 28.5 X 16.8 X 1.2TV WITH STAND (LOWEST): 28.5 X 18.8 X 6.1SHIPPING: 31.9 X 20.9 X 4.7STAND FOOTPRINT: 1.3 X 5.6 X 6.5
WEIGHT (LB): <ul style="list-style-type: none">TV WITHOUT STAND: 11.7TV WITH STAND: 11.9SHIPPING: 16.8
VESA SUPPORT: YES (100 X 100)
ACCESSORIES INCLUDED IN BOX: <ul style="list-style-type: none">REMOTE MODEL: SOLARCELL™ REMOTE TM2560EPOWER CABLEUSER MANUAL
WARRANTY: CLICK HERE

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²Utilizes AI based formulas to adjust color and sound
³100% color volume measured in Movie Mode and the DCI-P3 color space, certified by VDE
⁴Personal data includes directly input PIN codes and passwords, and IoT device information shared through the SmartThings app. The latest software is required.
⁵Samsung Account required for network-based smart services, including streaming apps and other smart features. 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.
⁶4K 144Hz is only available with PC connected games that support such specifications (PC graphic card required). Performance may vary. 50"-52" Q8F has Motion Xcelerator.
⁷85"-43" Q8F has Quantum HDR.
⁸Utilizes AI-Based formulas.
⁹Fees apply to subscription service.
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.
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