



CLASS HIERARCHY

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

SIZE CLASS

83"	QN83S85F
77"	QN77S85F
65"	QN65S85F
55"	QN55S85F



Self-illuminating pixels deliver vibrant, expert-validated color and unmistakable OLED contrast enhanced by Samsung Vision AI¹. A flowing design complements the bold brightness and depth on-screen, and enhanced sound.

TOP 10 KEY FEATURES

1. NQ4 AI Gen2 Processor ²	6. Motion Xcelerator120Hz
2. 4K AI Upscaling ²	7. Color Booster Pro ³
3. OLED HDR	8. Dolby Atmos and Object Tracking Sound Lite
4. Pantone Validated [®]	9. Endless Free Content / One UI Tizen ⁴
5. Contour Design	10. Active Voice Amplifier Pro and Adaptive Sound Pro

PICTURE (PANEL)

Display Type: OLED
Refresh Rate: 120Hz
Lighting Technology: Self-illuminating pixels
Display Resolution: 4K (3,840 x 2,160)
Anti Reflection: Yes
Viewing Angle: Ultra Viewing Angle
Dimming Technology: N/A

PICTURE (PROCESSING)

Processor ² : NQ4 AI Gen2 Processor
Upscaling ² : 4K AI Upscaling
Variable Refresh Rate (VRR): Yes
Motion Handling: Motion Xcelerator 120Hz
Contrast Enhancer: Real Depth Enhancer
Object Motion Enhancing: N/A
Color ³ : Color Booster Pro
EyeComfort Pro: Yes
HDR (High Dynamic Range): OLED HDR
HDR10+: Yes (Adaptive/Gaming)
Auto HDR Remastering: N/A
Adaptive Picture ³ : 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
Active Voice Amplifier (AVA): AVA Pro
Adaptive Sound: Pro
Bluetooth Audio: Yes
360 Audio: Yes

DESIGN

TV Design: Contour
Bezel Type: 4 Bezel-less
Front Color: Graphite Black
Stand Type: Simple Linear
Stand Color: Black
Adjustable Stand: Yes (See next page)

CONNECTIVITY

Wi-Fi: Yes (Wi-Fi 5)
Bluetooth: Yes (BT5.3)
One Connect Box: N/A
HDMI Input: 4 Ports
HDMI Maximum Input Rate: 4K 120Hz (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 AI¹

Live Translate: Yes
Generative Wallpaper: N/A
Pet & Family Care: Yes
Home Insight: Yes
Universal Gesture/Quick Control: Yes

TV ART FEATURES

Art Mode: N/A
Art Store: N/A

SMART TV FEATURES⁵

Operating System ⁴ : One UI Tizen
AI TV: Samsung Vision AI ¹
Free Ad Supported TV: Samsung TV Plus
Smart Home Connectivity ⁶ : 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 ⁷ : Yes
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: Yes
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 ⁸ : 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 ⁹ : Yes
Game Bar: Yes
Mini Map Zoom: Yes
VRR Standard: Freesync Premium™
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):	
83": 197W	65": 134W
77": 164W	55": 114W
Max Power Consumption (W):	
83": 510W	65": 245W
77": 420W	55": 240W
Energy Saving Consumption (W): TBD	

INCLUDED ACCESSORIES

Remote Control: SolarCell™ Remote TM2560E
Power Cable: Yes

MODELS

MODEL: QN83S85F ORDER CODE: QN83S85FAEXZA
SCREEN SIZE CLASS: 83"
SCREEN DIAGONAL MEASUREMENT: 82.5"
UPC CODE: 887276934655
COUNTRY OF ORIGIN: MEXICO
DIMENSIONS (INCHES W X H X D): <ul style="list-style-type: none">TV WITHOUT STAND: 72.8 X 41.7 X 1.4TV WITH STAND (LOWEST): 72.8 X 44.5 X 13.7SHIPPING: 79.6 X 47.2 X 7.2STAND FOOTPRINT: 0.9 X 13.7 X 11.3DISTANCE BETWEEN STANDS (STANDARD): 47.5"DISTANCE BETWEEN STANDS (MINIMUM): 12.8"
WEIGHT (LB): <ul style="list-style-type: none">TV WITHOUT STAND: 72.5TV WITH STAND: 74.7SHIPPING: 101STAND WEIGHT: 2.2
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: QN65S85F ORDER CODE: QN65S85FAFXZA
SCREEN SIZE CLASS: 65"
SCREEN DIAGONAL MEASUREMENT: 64.5"
UPC CODE: 887276934631
COUNTRY OF ORIGIN: MEXICO
DIMENSIONS (INCHES W X H X D): <ul style="list-style-type: none">TV WITHOUT STAND: 56.8 X 32.6 X 1.3TV WITH STAND (LOWEST): 56.8 X 35.3 X 10.4SHIPPING: 63.7 X 37.4 X 6.3STAND FOOTPRINT: 0.8 X 10.4 X 9.7DISTANCE BETWEEN STANDS (STANDARD): 36.8"DISTANCE BETWEEN STANDS (MINIMUM): 11.4"
WEIGHT (LB): <ul style="list-style-type: none">TV WITHOUT STAND: 35.5TV WITH STAND: 36.4SHIPPING: 52.2STAND WEIGHT: 0.9
VESA SUPPORT: YES (300 X 200)
ACCESSORIES INCLUDED IN BOX: <ul style="list-style-type: none">REMOTE MODEL: SOLARCELL™ REMOTE TM2560EPOWER CABLEUSER MANUAL
WARRANTY: CLICK HERE

MODEL: QN77S85F ORDER CODE: QN77S85FAEXZA
SCREEN SIZE CLASS: 77"
SCREEN DIAGONAL MEASUREMENT: 76.6"
UPC CODE: 887276934648
COUNTRY OF ORIGIN: MEXICO
DIMENSIONS (INCHES W X H X D): <ul style="list-style-type: none">TV WITHOUT STAND: 67.8 X 39 X 1.3TV WITH STAND (LOWEST): 67.8 X 41.7 X 13SHIPPING: 74.4 X 46 X 6.7STAND FOOTPRINT: 0.9 X 13 X 10.6DISTANCE BETWEEN STANDS (STANDARD): 44.4"DISTANCE BETWEEN STANDS (MINIMUM): 13"
WEIGHT (LB): <ul style="list-style-type: none">TV WITHOUT STAND: 61.9TV WITH STAND: 63.5SHIPPING: 83.6STAND WEIGHT: 1.5
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: QN55S85F ORDER CODE: QN55S85FAFXZA
SCREEN SIZE CLASS: 55"
SCREEN DIAGONAL MEASUREMENT: 54.6"
UPC CODE: 887276934624
COUNTRY OF ORIGIN: MEXICO
DIMENSIONS (INCHES W X H X D): <ul style="list-style-type: none">TV WITHOUT STAND: 48.2 X 27.8 X 1.3TV WITH STAND (LOWEST): 48.2 X 30.1 X 9.3SHIPPING: 54.4 X 32.8 X 5.8STAND FOOTPRINT: 0.8 X 9.3 X 9.1DISTANCE BETWEEN STANDS (STANDARD): 34.5"DISTANCE BETWEEN STANDS (MINIMUM): 9.4"
WEIGHT (LB): <ul style="list-style-type: none">TV WITHOUT STAND: 26.9TV WITH STAND: 27.8SHIPPING: 38.8STAND WEIGHT: 0.9
VESA SUPPORT: YES (300 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. Utilizes AI-Based formulas.
²Utilizes AI-Based formulas to upscale to 4K resolution. Resulting picture may vary based on source content.
³Utilizes AI-based formulas.
⁴Samsung 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 login, 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.
⁵Samsung 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.
⁶SmartThings require compatible devices only. SmartThings app download may be required.
⁷Subscriptions may be required for some services. Smart Trainer support devices may vary by country.
⁸High speed internet connection, additional gaming service subscriptions and compatible controller required.
⁹Super 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.