CLASS HIERARCHY

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

SIZE CLASS

83"	QN83S85FD
77"	QN77S85FD
65"	QN65S85FD
55"	QN55S85FD

Samsung Vision AI · Dolby Atmos · HDR10+ ADAPTIVE / GAMING · alexa built-in · SmartThings · PANTONE Validated

Self-illuminating pixels deliver vibrant, expert-validated color and unmistakable OLED contrast enhanced by Samsung Vision AI[1]. A flowing design complements the bold brightness and depth on-screen, and enhanced sound.

TOP 10 KEY FEATURES

1. NQ4 AI Gen2 Processor[2]
2. 4K AI Upscaling[2]
3. OLED HDR
4. Pantone Validated®
5. Auto HDR Remastering
6. Contour Design
7. Motion Xcelerator 120Hz
8. Color Booster Pro[3]
9. Dolby Atmos and Object Tracking Sound Lite
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:** Yes
- **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 AI[1]

- **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 FEATURES[4]

- **Operating System:** One UI Tizen
- **AI TV:** Samsung Vision AI[1]
- **Free Ad Supported TV:** Samsung TV Plus
- **Smart Home Connectivity[5]:** 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[6]:** 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[7]:** 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[8]:** 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
  - 77": 164W
  - 65": 134W
  - 55": 114W
- **Max Power Consumption (W):**
  - 83": 510W
  - 77": 420W
  - 65": 245W
  - 55": 240W
- **Energy Saving Consumption (W):** TBD

INCLUDED ACCESSORIES

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

MODELS

MODEL: QN83S85FD
ORDER CODE: QN83S85FDEXZA

SCREEN SIZE CLASS: 83"

SCREEN DIAGONAL MEASUREMENT: 82.5"

UPC CODE: 887276936628

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):
- TV WITHOUT STAND: 72.8 X 41.7 X 1.4
- TV WITH STAND (LOWEST): 72.8 X 44.5 X 13.7
- SHIPPING: 79.6 X 47.2 X 7.2
- STAND FOOTPRINT: 0.9 X 13.7 X 11.3
- DISTANCE BETWEEN STANDS (STANDARD): 47.5"
- DISTANCE BETWEEN STANDS (MINIMUM): 12.8"

WEIGHT (LB):
- TV WITHOUT STAND: 72.5
- TV WITH STAND:74.7
- SHIPPING: 101
- STAND WEIGHT: 2.2

VESA SUPPORT: YES (400 X 300)

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

WARRANTY: CLICK HERE

MODEL: QN77S85FD
ORDER CODE: QN77S85FDEXZA

SCREEN SIZE CLASS: 77"

SCREEN DIAGONAL MEASUREMENT: 76.6"

UPC CODE: 887276934754

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):
- TV WITHOUT STAND: 67.8 X 39 X 1.3
- TV WITH STAND (LOWEST): 67.8 X 41.7 X 13
- SHIPPING: 74.4 X 46 X 6.7
- STAND FOOTPRINT: 0.9 X 13 X 10.6
- DISTANCE BETWEEN STANDS (STANDARD): 44.4"
- DISTANCE BETWEEN STANDS (MINIMUM): 13"

WEIGHT (LB):
- TV WITHOUT STAND: 61.9
- TV WITH STAND: 63.5
- SHIPPING: 83.6
- STAND WEIGHT: 1.5

VESA SUPPORT: YES (400 X 300)

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

WARRANTY: CLICK HERE

MODEL: QN65S85FD
ORDER CODE: QN65S85FDFXZA

SCREEN SIZE CLASS: 65"

SCREEN DIAGONAL MEASUREMENT: 64.5"

UPC CODE: 887276934747

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):
- TV WITHOUT STAND: 56.8 X 32.6 X 1.3
- TV WITH STAND (LOWEST): 56.8 X 35.3 X 10.4
- SHIPPING: 63.7 X 37.4 X 6.3
- STAND FOOTPRINT: 0.8 X 10.4 X 9.7
- DISTANCE BETWEEN STANDS (STANDARD): 36.8"
- DISTANCE BETWEEN STANDS (MINIMUM): 11.4"

WEIGHT (LB):
- TV WITHOUT STAND: 35.5
- TV WITH STAND: 36.4
- SHIPPING: 52.2
- STAND WEIGHT: 0.9

VESA SUPPORT: YES (300 X 200)

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

WARRANTY: CLICK HERE

MODEL: QN55S85FD
ORDER CODE: QN55S85FDFXZA

SCREEN SIZE CLASS: 55"

SCREEN DIAGONAL MEASUREMENT: 54.6"

UPC CODE: 887276934730

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):
- TV WITHOUT STAND: 48.2 X 27.8 X 1.3
- TV WITH STAND (LOWEST): 48.2 X 30.1 X 9.3
- SHIPPING: 54.4 X 32.8 X 5.8
- STAND FOOTPRINT: 0.8 X 9.3 X 9.1
- DISTANCE BETWEEN STANDS (STANDARD): 34.5"
- DISTANCE BETWEEN STANDS (MINIMUM): 9.4"

WEIGHT (LB):
- TV WITHOUT STAND: 26.9
- TV WITH STAND: 27.8
- SHIPPING: 38.8
- STAND WEIGHT: 0.9

VESA SUPPORT: YES (300 X 200)

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. Utilizes AI-Based formulas.
[2]Utilizes AI-Based formulas to upscale to 4K resolution. Resulting picture may vary based on source content.
[3]Utilizes AI-Based formulas
[4]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/log 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.
[5]SmartThings require compatible devices only. SmartThings app download may be required.
[6]Subscriptions may be required for some services. Smart Trainer support devices may vary by country.
[7]High speed internet connection, additional gaming service subscriptions and compatible controller required.
[8]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.