



CLASS HIERARCHY



SIZE CLASS

85"	QN85QN70HAFXZA
75"	QN75QN70HAFXZA
65"	QN65QN70HAFXZA
55"	QN55QN70HAFXZA
50"	QN50QN70HAFXZA
43"	QN43QN70HAFXZA

Samsung Vision AI



SmartThings



Mini LEDs are made better with Quantum Dots to deliver astonishing brightness and 100% color volume¹. Precise backlighting unlocks captivating contrast, while advanced AI processing² makes your content look and sound better.

TOP 10 KEY FEATURES

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. Quantum Mini LED 2. 100% Color Volume with Quantum Dot¹⁹ 3. NQ4 AI Processor³ 4. 4K Upscaling 5. Color Booster Pro² | <ol style="list-style-type: none"> 6. AI Sound Controller⁴ 7. Motion Xcelerator + DLG 120Hz⁵ 8. Active Voice Amplifier and Adaptive Sound⁺² 9. Object Tracking Sound Lite 10. Endless Free Content⁶ |
|---|--|

PICTURE (PANEL)

- Display Type: Neo QLED 4K
- Refresh Rate: 60Hz
- Lighting Technology: Quantum Mini LED
- Display Resolution: 4K (3,840 x 2,160)
- Anti Reflection: N/A
- Viewing Angle: Wide Viewing Angle
- Dimming Technology: Supreme Mini LED Dimming

PICTURE (PROCESSING)

- Processor: NQ4 AI Processor
- Upscaling: 4K Upscaling
- Variable Refresh Rate (VRR): N/A
- Motion Handling: Motion Xcelerator
- DLG (Dual Line Gate)⁵: 85" - 55": 120Hz 50" - 43": N/A
- Contrast Enhancer: Yes
- Color: 100% Color Volume with Quantum Dot¹⁹
- Color Booster: Pro²
- HDR (High Dynamic Range): Neo Quantum HDR
- HDR10+: Yes (Adaptive)
- Auto HDR Remastering: N/A
- Adaptive Picture: AI Customization
- Supersize Picture Enhancer: N/A

AUDIO

- Speaker Type: 2CH
- Output Power (W): 20W
- Dolby Atmos: N/A
- Object Tracking Sound (OTS): OTS Lite
- Q-Symphony: Yes⁷
- Active Voice Amplifier (AVA): Yes
- Adaptive Sound: Plus
- Bluetooth Audio: Yes
- 360 Audio: N/A

DESIGN

- TV Design: AirSlim
- Bezel Type: 3 Bezel-less
- Front Color: Black
- Stand Type: Aero Linear
- Stand Color: Titan Gray
- Adjustable Stand: Yes

CONNECTIVITY

- Wi-Fi: Yes (Wi-Fi 5)
- Bluetooth: Yes (BT5.3)
- One Connect Box: N/A
- HDMI Inputs⁸: 3 Ports
- HDMI Maximum Input Rate: 4K 60Hz (for HDMI 1/2/3)
- HDMI Audio Return Channel: eARC
- HDMI-CEC: Yes
- USB Ports: 2 x USB-A
- Ethernet (LAN): Yes
- Digital Audio Out (Optical): Yes
- RF Connection: Yes
- RS-232C Input: N/A

Samsung Vision AI ⁹

- Vision AI Companion: Yes¹⁰
- AI Soccer Mode: Yes¹¹
- AI Sound Controller: Yes⁴
- Live Translate: Yes
- Generative Wallpaper: Yes
- Multi AI Agents (Copilot & Perplexity): Yes
- Pet & Family Care: Yes
- Home Insight: Yes:

TV ART FEATURES

- Art Mode: N/A
- Art Store: Yes¹²

SMART TV FEATURES¹³

- Operating System: One UI Tizen
- Free Ad Support TV: Samsung TV Plus
- Smart Home Connectivity: SmartThings¹⁴, Matter, IoT-Sensor Functionality
- Smart Assistants (Built-In): Bixby, Alexa
- Smart Assistants (Works with): Google Assistant
- Far-Field Voice Interactions: Yes
- Web Browser: Yes
- Samsung Health: Yes¹⁵
- Multi Device Experience: TV to Mobile, Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On
- Multi-View: Up to 2 videos
- Buds Auto Switch: Yes
- Works with Apple Airplay: Yes
- Works with Google Cast: Yes
- Daily+: Yes
- Now Brief: Yes Voice/User Detection
- Workout Tracker: Yes
- Karaoke Mic: Yes¹⁶
- Multi-Control: Yes
- Storage Share: Yes

GAMING

- Gaming Hub: Yes¹⁷
- Cloud Gaming: Yes - Xbox, NVIDIA GeForce Now, Luna, Blacknut, Antstream, Boosteroid
- Auto Game Mode: AI Auto Game Mode
- ALLM (Auto Low Latency Mode): Yes
- Game Motion Plus: Yes
- Super Ultra Wide Game View¹⁸: Yes
- Game Bar: Yes
- Mini Map Zoom: Yes
- AMD FreeSync: N/A
- NVIDA G-SYNC: N/A
- HGiG: Yes
- Hue Sync: Yes

SECURITY

- Knox Vault: N/A
- Knox Security: Yes

POWER

- Power Supply (V): AC110-120V~ 50/60Hz
- Stand-by Power Consumption (W): 0.5
- Eco Sensor: Yes
- Auto Power Saving: Yes
- Auto Power Off: Yes

INCLUDED ACCESSORIES

- Remote Control: BT Simple Remote TM2280A with batteries
- Power Cable: Yes
- Slim Fit Wall-mount Support: Yes

MODELS

MODEL: QN85QN70H
ORDER CODE: QN85QN70HAFXZA

SCREEN SIZE CLASS: 85"

SCREEN DIAGONAL MEASUREMENT: 84.5"

UPC CODE: 198957273827

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"
- TV with Stand (Highest): N/A
- Distance between Stand (Default): 55.9"
- Distance between Stand (Minimum): 14.6"
- Shipping: 81.1" X 47.2" X 6.7"
- Stand Footprint: 0.8" X 10.5" X 14.4"

WEIGHT (LB):

- TV without Stand: 89.3
- TV with Stand: 91.3
- Shipping: 116.8

VESA SUPPORT: YES (600 X 400)

ACCESSORIES INCLUDED IN BOX:

- Remote Model: BT Simple Remote TM2280A with batteries
- Power Cable
- User Manual

WARRANTY: [CLICK HERE](#)

MODEL: QN65QN70H
ORDER CODE: QN65QN70HAFXZA

SCREEN SIZE CLASS: 65"

SCREEN DIAGONAL MEASUREMENT: 64.5"

UPC CODE: 198957273803

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" x 35" x 10.6"
- TV with Stand (Highest): N/A
- Distance between Stand (Default): 41.3"
- Distance between Stand (Minimum): 12.1"
- Shipping: 62.1" x 36.7" x 5.6"
- Stand Footprint: 0.7" x 9.3" x 10.6"

WEIGHT (LB):

- TV without Stand: 45.9
- TV with Stand: 47
- Shipping: 62.4

VESA SUPPORT: YES (400 X 300)

ACCESSORIES INCLUDED IN BOX:

- Remote Model: BT Simple Remote TM2280A with batteries
- Power Cable
- User Manual

WARRANTY: [CLICK HERE](#)

MODEL: QN75QN70H
ORDER CODE: QN75QN70HAFXZA

SCREEN SIZE CLASS: 75"

SCREEN DIAGONAL MEASUREMENT: 74.5"

UPC CODE: 198957273810

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"
- TV with Stand (Highest): N/A
- Distance between Stand (Default): 49.3"
- Distance between Stand (Minimum): 13.8"
- Shipping: 72" x 42.3" x 6.5"
- Stand Footprint: 0.8" x 10" x 12.9"

WEIGHT (LB):

- TV without Stand: 64.4
- TV with Stand: 65.7
- Shipping: 86.4

VESA SUPPORT: YES (400 X 400)

ACCESSORIES INCLUDED IN BOX:

- Remote Model: BT Simple Remote TM2280A with batteries
- Power Cable
- User Manual

WARRANTY: [CLICK HERE](#)

MODEL: QN55QN70H
ORDER CODE: QN55QN70HAFXZA

SCREEN SIZE CLASS: 55"

SCREEN DIAGONAL MEASUREMENT: 54.6"

UPC CODE: 198957273797

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"
- TV with Stand (Highest): N/A
- Distance between Stand (Default): 35.8"
- Distance between Stand (Minimum): 10.2"
- Shipping: 53.2" x 31.8" x 5"
- Stand Footprint: 0.7" x 8.7" x 9.4"

WEIGHT (LB):

- TV without Stand: 30.4
- TV with Stand: 31.3
- Shipping: 40.8

VESA SUPPORT: YES (200 X 200)

ACCESSORIES INCLUDED IN BOX:

- Remote Model: BT Simple Remote TM2280A with batteries
- Power Cable
- User Manual

WARRANTY: [CLICK HERE](#)

MODELS

MODEL: QN50QN70H
ORDER CODE: QN50QN70HAFXZA

SCREEN SIZE CLASS: 50"

SCREEN DIAGONAL MEASUREMENT: 49.5"

UPC CODE: 198957282270

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"
- TV with Stand (Highest): N/A
- Distance between Stand (Default): 29.9"
- Distance between Stand (Minimum): N/A
- Shipping: 48.9" x 29.3" x 4.9"
- Stand Footprint: 0.7" x 8.7" x 9.4"

WEIGHT (LB):

- TV without Stand: 24.5
- TV with Stand: 25.4
- Shipping: 32

VESA SUPPORT: YES (200X200)

ACCESSORIES INCLUDED IN BOX:

- Remote Model: BT Simple Remote TM2280A with batteries
- Power Cable
- User Manual

WARRANTY: [CLICK HERE](#)

MODEL: QN43QN70H
ORDER CODE: QN43QN70HAFXZ

SCREEN SIZE CLASS: 43"

SCREEN DIAGONAL MEASUREMENT: 42.5"

UPC CODE: 198957282096

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):

- TV without Stand: 38" x 23.6" x 1"
- TV with Stand (Lowest): 38" x 24.2" x 7.8"
- TV with Stand (Highest): N/A
- Distance between Stand (Default): 27.2"
- Distance between Stand (Minimum): N/A
- Shipping: 42.7" x 25.5" x 4.7"
- Stand Footprint: 0.5" x 8.5" x 7.8"

WEIGHT (LB):

- TV without Stand: 17.9
- TV with Stand: 18.5
- Shipping: 24

VESA SUPPORT: YES (200X200)

ACCESSORIES INCLUDED IN BOX:

- Remote Model: BT Simple Remote TM2280A with batteries
- Power Cable
- User Manual

WARRANTY: [CLICK HERE](#)

¹100% color volume measured in Movie Mode and the DCI-P3 color space, certified by VDE.

²Utilizes AI-based formulas.

³Utilizes AI based formulas to adjust color and sound.

⁴Feature availability varies by input source/app. Utilizes AI-based formulas; results vary. Samsung account and Internet access required.

⁵Available only on 55" class and larger screen sizes. DLG 120Hz increases refresh rate up to 120Hz, but will reduce image sharpness. Optimal for fast-paced gaming; visual quality varies by title.

⁶Samsung Account and internet connection required for network-based smart services, including streaming apps and other smart features. 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.

⁷Q-Symphony requires a compatible 2020-2026 Samsung TV. Please refer to [samsung.com](https://www.samsung.com) for more information.

⁸HDMI-CEC (Consumer Electronics Control) facilitates convenient control functions with compatible devices.

⁹Samsung Vision AI features vary by model; see individual model for more info.

¹⁰AI inputs and queries may be recorded and shared with 3rd party providers. Requires Samsung account and consent to Viewing Information Service; must be 18 years or older. Accuracy not guaranteed. Check results. Utilizes AI-Based formulas.

¹¹AI Soccer Mode must be turned on in settings. Utilizes AI-based formulas.

¹²Fees apply to subscription service.

¹³Samsung 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.

¹⁴SmartThings require compatible devices only. SmartThings app download may be required.

¹⁵Subscriptions may be required for some services. Smart Trainer support devices may vary by country.

¹⁶Requires SmartThings app to be installed on the mobile device and connected via the same Wi-Fi network as the TV set. Mobile mic is compatible only with Galaxy S23 or later models and iPhone 15 & above. You must download the Karaoke app from Tizen to use the Karaoke function. An additional paid subscription is required for this service after 6 months of free use. (Users can access 5 songs per day for free without a subscription.)

¹⁷High speed internet connection, additional gaming service subscriptions and compatible controller required.

¹⁸Super 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.

¹⁹QLED televisions can produce 100% Color Volume in the DCI-P3 color space, the format for most cinema screens and HDR movies for television.