



CLASS HIERARCHY

Micro RGB
OLED
▶ Neo QLED
Mini LED
Crystal UHD

SIZE CLASS

85"	QN85QN70HDFXZA
75"	QN75QN70HDFXZA
65"	QN65QN70HDFXZA
55"	QN55QN70HDFXZA
50"	QN50QN70HDFXZA
43"	QN43QN70HDFXZA

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

1. Quantum Mini LED	6. AI Sound Controller ⁴
2. 100% Color Volume with Quantum Dot ¹⁹	7. Motion Xcelerator + DLG 120Hz ⁵
3. NQ4 AI Processor ³	8. Active Voice Amplifier and Adaptive Sound ⁺²
4. 4K Upscaling	9. Object Tracking Sound Lite
5. Color Booster Pro ²	10. Endless Free Content ⁶

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: Ultimate 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 Dot ¹⁹
Color Booster: Pro ²
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: Yes ⁷
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 6E)
Bluetooth: Yes (BT5.3)
One Connect Box: N/A
HDMI Inputs ⁸ : 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

Vision AI Companion: Yes ¹⁰
AI Soccer Mode: Yes ¹¹
AI Sound Controller: Yes ⁴
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: Yes ¹²

SMART TV FEATURES¹³

Operating System: One UI Tizen
Free Ad Support TV: Samsung TV Plus
Smart Home Connectivity: SmartThings ¹⁴ , 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: Yes ¹⁵
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: Yes ¹⁶
Multi-Control: Yes
Storage Share: Yes

GAMING

Gaming Hub: Yes ¹⁷
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 View ¹⁸ : 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: QN85QN70HD ORDER CODE: QN85QN70HDFXZA
SCREEN SIZE CLASS: 85"
SCREEN DIAGONAL MEASUREMENT: 84.5"
UPC CODE: 198957273865
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: QN65QN70HD ORDER CODE: QN65QN70HDFXZA
SCREEN SIZE CLASS: 65"
SCREEN DIAGONAL MEASUREMENT: 64.5"
UPC CODE: 198957273841
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: QN75QN70HD ORDER CODE: QN75QN70HDFXZA
SCREEN SIZE CLASS: 75"
SCREEN DIAGONAL MEASUREMENT: 74.5"
UPC CODE: 198957273858
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: QN55QN70HD ORDER CODE: QN55QN70HDFXZA
SCREEN SIZE CLASS: 55"
SCREEN DIAGONAL MEASUREMENT: 54.6"
UPC CODE: 198957273834
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: QN50QN70HD ORDER CODE: QN50QN70HDFXZA
SCREEN SIZE CLASS: 50"
SCREEN DIAGONAL MEASUREMENT: 49.5"
UPC CODE: 198957282102
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: QN43QN70HD ORDER CODE: QN43QN70HDFXZ
SCREEN SIZE CLASS: 43"
SCREEN DIAGONAL MEASUREMENT: 42.5"
UPC CODE: 198957282263
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 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.