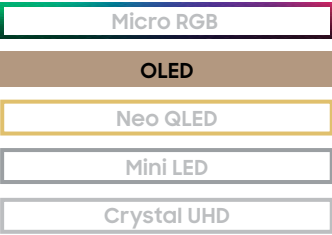




CLASS HIERARCHY



Samsung Vision AI



SIZE CLASS

83"	QN83S85HDEXZA
77"	QN77S85HDEXZA
65"	QN65S85HDEXZA
55"	QN55S85HDEXZA
48"	QN48S85HDEXZA



Take in dazzling brightness and inky blacks with lifelike color on this AI-enhanced OLED TV that makes old and new content look incredible¹. And, your favorite video games feel intense while staying smooth thanks to the Premium Gaming Pack.

TOP 10 KEY FEATURES

1. OLED HDR

2. NQ4 AI Gen2 Processor²

3. Premium Gaming Pack³

4. 4K AI Upscaling²

5. Auto HDR Remastering
6. Pantone™ Validated

7. Color Booster Pro¹

8. AI Sound Controller¹

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 (VRR Support)
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: NQ4 AI Gen2 Processor²
Upscaling: 4K AI Upscaling²
Variable Refresh Rate (VRR): Yes
Motion Handling: Motion Xcelerator 120Hz
DLG (Dual Line Gate): N/A
Contrast Enhancer: Real Depth Enhancer
Contrast Booster: Yes
AI Motion Enhancer: N/A
Color: Perceptual Color Mapping
Color Booster: Pro¹
HDR (High Dynamic Range): OLED HDR
HDR10+: Yes (Adaptive/Gaming/Advanced)
Auto HDR Remastering: Yes
Adaptive Picture: AI Optimized / AI Customization
Supersize Picture Enhancer: N/A

AUDIO

Speaker Type: 2CH
Output Power (W): 20W
Dolby Atmos: Yes
Object Tracking Sound (OTS): OTS Lite
Q-Symphony: Yes⁴
Active Voice Amplifier (AVA): AVA Pro¹
Adaptive Sound: Pro¹
Bluetooth Audio: Yes
360 Audio: Yes

DESIGN

TV Design: 83" - 55": Contour
48": LaserSlim
Bezel Type: 4 Bezel-less
Front Color: Graphite Black
Stand Type: 83" - 55": Simple Linear
48": Simple Blade Wide
Stand Color: Black
Adjustable Stand: 83"-55": N/A
48": Yes

CONNECTIVITY

Wi-Fi: Yes (Wi-Fi 7)
Bluetooth: Yes (BT5.3)
One Connect Box: N/A
HDMI Inputs⁵: 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): Yes
Digital Audio Out (Optical): Yes
RF Connection: Yes
RS-232C Input: Yes

Samsung Vision AI

Vision AI Companion⁷: Yes¹
AI Soccer Mode: Yes⁸
AI Sound Controller: Yes⁹
Live Translate: Yes
Generative Wallpaper: N/A
Multi AI Agents (Copilot & Perplexity): Yes
Pet & Family Care: Yes
Home Insight: Yes:

TV ART FEATURES

Art Mode: N/A
Art Store*: N/A¹⁰

SMART TV FEATURES¹¹

Operating System: One UI Tizen
Free Ad Support TV: Samsung TV Plus
Smart Home Connectivity: SmartThings¹², Matter, IoT-Sensor Functionality, Quick Remote
Smart Assistants (Built-In): Bixby, Alexa
Smart Assistants (Works with): Google Assistant
Far-Field Voice Interactions: Yes
Web Browser: Yes
Samsung Health: Yes¹³
Multi Device Experience: Mobile to TV, TV initiates 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: Yes¹⁴
Multi-Control: Yes
Storage Share: Yes

GAMING

Gaming Hub: Yes¹⁵
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 View¹⁶: Yes
Game Bar: Yes
Mini Map Zoom: Yes
AMD FreeSync: Freesync Premium™
NVIDIA G-SYNC: Yes
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): 0.5W
Eco Sensor: Yes
Auto Power Saving: Yes
Auto Power Off: Yes

INCLUDED ACCESSORIES

Remote Control: BT SolarCell™ Remote TM2660H
Power Cable: Yes
Slim Fit Wall-mount Support: Yes

MODELS

MODEL: QN83S85HD ORDER CODE: QN83S85HDEXZA
SCREEN SIZE CLASS: 83"
SCREEN DIAGONAL MEASUREMENT: 82.5"
UPC CODE: 198957269912
COUNTRY OF ORIGIN: MEXICO
DIMENSIONS (INCHES W X H X D): - TV without Stand: 72.8x41.7 x 1.4 - TV with Stand (Lowest): 72.8 x 44.5 x 13.7 - TV with Stand (Highest): N/A - Distance between stand (Default): 49.4 - Distance between stand (Minimum): 14.7 - Shipping: 79.6 x 47.2 x 7.2 - Stand Footprint: 0.9 x 11.3 x 13.7
WEIGHT (LB): - TV without Stand: 72.5 - TV with Stand: 74.7 - Shipping: 99.9
VESA SUPPORT: 400X300
ACCESSORIES INCLUDED IN BOX: - Remote Model: BBT SolarCell™ Remote TM2660H - Power Cable - User Manual
WARRANTY: CLICK HERE

MODEL: QN65S85HD ORDER CODE: QN65S85HDEXZA
SCREEN SIZE CLASS: 65"
SCREEN DIAGONAL MEASUREMENT: 64.5"
UPC CODE: 198957269936
COUNTRY OF ORIGIN: MEXICO
DIMENSIONS (INCHES W X H X D): - TV without Stand: 57 x 32.7 x 1.3 - TV with Stand (Lowest): 57 x 35.3 x 10.4 - TV with Stand (Highest): N/A - Distance between stand (Default): 37.5 - Distance between stand (Minimum): 12.2 - Shipping: 63.7 x 37.4 x 6.3 - Stand Footprint: 0.8 x 9.7 x 10.4
WEIGHT (LB): - TV without Stand: 38.4 - TV with Stand: 39.2 - Shipping: 52.9
VESA SUPPORT: YES (300 X 200)
ACCESSORIES INCLUDED IN BOX: - Remote Model: BT SolarCell™ Remote TM2660H - Power Cable - USER Manual
WARRANTY: CLICK HERE

MODEL: QN77S85HD ORDER CODE: QN77S85HDEXZA
SCREEN SIZE CLASS: 77"
SCREEN DIAGONAL MEASUREMENT: 76.6"
UPC CODE: 198957269905
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 - TV with Stand (Highest): N/A - Distance between stand (Default): 45.4 - Distance between stand (Minimum): 13.9 - Shipping: 74.4 x 46 x 6.7 - Stand Footprint: 0.9 x 10.6 x 13
WEIGHT (LB): - TV without Stand: 61.9 - TV with Stand: 63.5 - Shipping: 83.6
VESA SUPPORT: YES (400X300)
ACCESSORIES INCLUDED IN BOX: - Remote Model: BT SolarCell™ Remote TM2660H - Power Cable - USER Manual
WARRANTY: CLICK HERE

MODEL: QN55S85HD ORDER CODE: QN55S85HDEXZA
SCREEN SIZE CLASS: 55"
SCREEN DIAGONAL MEASUREMENT: 54.6"
UPC CODE: 198957269899
COUNTRY OF ORIGIN: MEXICO
DIMENSIONS (INCHES W X H X D): - TV without Stand: 48.3 x 27.8 x 1.3 - TV with Stand (Lowest): 48.3 x 30.1 x 9.3 - TV with Stand (Highest): N/A - Distance between stand (Default): 35.3 - Distance between stand (Minimum): 10.2 - Shipping: 54.4 x 32.8 x 5.8 - Stand Footprint: 0.8 x 9.1 x 9.3
WEIGHT (LB): - TV without Stand: 28.7 - TV with Stand: 29.5 - Shipping: 39.2
VESA SUPPORT: YES (300 X 200)
ACCESSORIES INCLUDED IN BOX: - Remote Model: BT SolarCell™ Remote TM2660H - Power Cable - USER Manual
WARRANTY: CLICK HERE

MODELS

MODEL: QN48S85HD ORDER CODE: QN48S85HDEXZA
SCREEN SIZE CLASS: 48"
SCREEN DIAGONAL MEASUREMENT: 47.5"
UPC CODE: 198957269875
COUNTRY OF ORIGIN: MEXICO
DIMENSIONS (INCHES W X H X D): · TV without Stand: 42.1 x 24.4 x 1.6 · TV with Stand (Lowest): 42.1 x 26.9 x 8.2 · TV with Stand (Highest): N/A · Distance between stand (Default): N/A · Distance between stand (Minimum): N/A · Shipping: 47.1 x 30.3 x 5.6 · Stand Footprint: 21 x 11.8 x 8.2
WEIGHT (LB): · TV without Stand: 27.1 · TV with Stand: 29.1 · Shipping: 39.2
VESA SUPPORT: 300X200
ACCESSORIES INCLUDED IN BOX: · Remote Model: BBT SolarCell™ Remote TM2660H · Power Cable · User Manual
WARRANTY: CLICK HERE

¹Utilizes AI-based formulas

²Utilizes AI-Based formulas to upscale to 4K resolution. Resulting picture may vary based on source content.

³Viewing experience may vary according to types of content and graphics processor.

⁴Q-Symphony requires a compatible 2020-2026 Samsung TV. Please refer to [samsung.com](#) for more information.

⁵HDMI-CEC (Consumer Electronics Control) facilitates convenient control functions with compatible devices.

⁶Samsung Vision AI features vary by model; see individual model for more info.

⁷AI 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.

⁸AI Soccer Mode must be turned on in settings. Utilizes AI-based formulas

⁹Feature availability varies by input source/app. Utilizes AI-based formulas; results vary. Samsung account and internet access required.

¹⁰Fees apply to subscription service.

¹¹Samsung 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.

¹²SmartThings require compatible devices only. SmartThings app download may be required.

¹³Subscriptions may be required for some services. Smart Trainer support devices may vary by country.

¹⁴Requires 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.)

¹⁵High speed internet connection, additional gaming service subscriptions and compatible controller required.

¹⁶Super 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.