

#### **CLASS HIERARCHY**

Neo QLED 8K Neo QLED 4K OLED 4K QLED 4K Crystal UHD 4K

FHD. HD

115"	QN115QN90F
98"	QN98QN90F
85"	QN85QN90F
75"	QN75QN90F
65"	QN65QN90F
55"	QN55QN90F
50"	QN50QN90F
43"	QN43QN90F

**■■Dolby** Atmos

SIZE CLASS







Our best 4K AI processor powers Samsung Vision AI1 for enhanced picture, sound, and breakthrough TV experiences. Quantum Matrix Mini LEDs unlock bright detail on a glare-free screen, for distraction-free viewing in the bright rooms. Top speakers2 provide multi-dimensional AI-enhanced3 sound that tracks to on-screen motion.

#### **TOP 10 KEY FEATURES**

- 1. NQ4 AI Gen3 Processor4
- 2. 4K Al Upscaling Pro4
- 3. Glare Free
- 4. Neo Ouantum HDR+
- Motion Xcelerator 165Hz5

- 6. Al Motion Enhancer Pro3
- Auto HDR Remastering Pro
- Dolby Atmos
- Endless Free Content / One UI Tizen<sup>6</sup>
- 10. Object Tracking Sound+

## PICTURE (PANEL)

Display Type: Neo QLED 4K

PICTURE (PROCESSING)

Motion Handling5:

Enhancer Pro

Color: Color Booster Pro

HDR (High Dynamic Range):

HDR10+: Yes (Adaptive/Gaming)

Auto HDR Remastering: Pro

EyeComfort Pro: Yes

Refresh Rate: 115": 120Hz (Up to 144Hz) 98"-43": 120Hz (Up to 165Hz)

Lighting Technology: Quantum Matrix Technology Plus

Display Resolution: 4K (3,840 x 2,160)

Anti Reflection: 98"-43": Glare Free

Processor4: NO4 Al Gen3 Processor

Upscaling4: 4K AI Upscaling Pro

Variable Refresh Rate (VRR): Yes

115": Motion Xcelerator 144Hz

98"-43": Motion Xcelerator165Hz

115"-55": Neo Quantum HDR+

50"-43": Neo Quantum HDR

Contrast Enhancer: Real Depth Enhancer Pro

Object Motion Enhancing: Al Motion

Viewing Angle: Wide Viewing Angle Dimming Technology: Ultimate UHD Dimming

# **DESIGN**

TV Design: NeoSlim

Q-Symphony7: Yes

Adaptive Sound: Pro

Bluetooth Audio: Yes

360 Audio: Yes

Bezel Type: 115"-98": 3 Bezel-less 85": 4 Bezel-less

Active Voice Amplifier (AVA): AVA Pro

50": 3 Bezel-less

Front Color: Titan Black

Stand Type:

115": Metal Linear 98"-43": Sharp Neck Hexagon

Stand Color: Titan Black Adjustable Stand: N/A

## CONNECTIVITY

Wi-Fi Yes (Wi-Fi 5)

Bluetooth: Yes (BT5.3)

**HDMI Input:** 4 Ports

115": 4K144Hz (for HDMI 1/2/3/4)

98": 165Hz (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

# AUDIO

# Speaker Type:

115"-55": 4.2.2CH 50": 2.2CH 43": 2CH **Output Power:** 

50": 40W

43": 20W

Adaptive Picture: AI Optimized/AI Customization

Supersize Picture Enhancer: 115", 98", 85" only

115"-55": 60W Dolby Atmos: Yes

**Object Tracking** 115"-55": OTS+ Sound (OTS): 50"-43": OTS Lite

One Connect Box: N/A

**HDMI Maximum Input Rate:** 

### SAMSUNG VISION AI1

Live Translate: Yes Generative Wallpaper: Yes Pet & Family Care: Yes

Home Insight: Yes

Universal Gesture/Quick Control: Yes

#### TV ART FEATURES

Art Mode: N/A Art Store8: Yes

### SMART TV FEATURES9

Operating System<sup>6</sup>: One UI Tizen

Al TV: Samsung Vision Al

Free Ad Supported TV: Samsung TV Plus

Smart Home Connectivity<sup>10</sup>: 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<sup>11</sup>: 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

115": Ambient Mode+ Ambient Mode:

Buds Auto Switch: Yes

Works with Apple Airplay: Yes

Works with Google Cast: Yes

Dailv+: 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 Hub12: Yes

Cloud Gaming: Yes - Xbox, NVIDIA GeForce Now, Luna, Blacknut, Antstream, Boosteroid, Utomik

Auto Game Mode: Al Auto Game Mode

ALLM (Auto Low Latency Mode): Yes

Game Motion Plus: Yes

Super Ultra Wide Game View13: Yes

Game Bar: Yes Mini Map Zoom: Yes

VRR Standard: FreeSync Premium™ Pro

HGiG: Yes

Hue Sync: Yes

# **SECURITY**

Knox Vault: N/A Knox Security: Yes

### **POWER**

115": TBD Power

Supply (V): 98"-43": AC110-120V~ 50/60Hz

Standby Power Consumption (W): 98"-43": 0.5W

Typical Power Consumption (W):

115": TBD 65": 140W 98": 227W 55": 116W 85": 207W 50": 85W 75": 163W

Max Power Consumption (W):

115": TBD 65": 250W 98": 455W 55": 215W 85": 385W 50": 145W 75": 295W

## INCLUDED ACCESSORIES

Remote Control: SolarCell™ Remote TM2560E

Power Cable: Yes

Slim Fit Wall-mount Support: 115": Included

#### **MODELS**

MODEL: QN115QN90F ORDER CODE: QN115QN90FFXZA

SCREEN SIZE CLASS: 115'

SCREEN DIAGONAL MEASUREMENT: TBD

UPC CODE: 887276993065

**COUNTRY OF ORIGIN: Vietnam** 

#### DIMENSIONS (INCHES W x H x D):

- TV WITH STAND (LOWEST): TBD
- SHIPPING: TBD

#### WEIGHT (LB):

- TV WITHOUT STAND: TBD
- TV WITH STAND: TBD
- SHIPPING: TBD
- STAND WEIGHT: TBD

**VESA SUPPORT:** TBD

#### ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
- POWER CABLE
- USER MANUAL

#### MODEL: QN98QN90F ORDER CODE: QN98QN90FAFXZA

**SCREEN SIZE CLASS: 98'** 

SCREEN DIAGONAL MEASUREMENT: 97.5"

UPC CODE: 887276934518

**COUNTRY OF ORIGIN: Mexico** 

#### DIMENSIONS (INCHES W x H x D):

- · TV WITH STAND (LOWEST): 86 X 51.4 X 14.4
- SHIPPING: 93 3 X 55 9 X 10 8
- STAND FOOTPRINT: 18.9 X 11.2 X 14.4

#### WEIGHT (LB):

- · TV WITHOUT STAND: 135.4
- TV WITH STAND: 155.6
- SHIPPING: 204.4
- · STAND WEIGHT: 20 3

VESA SUPPORT: Yes (600 x 400)

#### ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
- POWER CABLE
- USER MANUAL

#### MODEL: QN85QN90F ORDER CODE: QN85QN90FAFXZA

SCREEN SIZE CLASS: 85'

SCREEN DIAGONAL MEASUREMENT: 84.5

UPC CODE: 887276934563

**COUNTRY OF ORIGIN: MEXICO** 

### DIMENSIONS (INCHES W X H X D):

- TV WITH STAND (LOWEST): 74.5 X 45 X 12.6
- SHIPPING: 84.3 X 49 X 9.1
- STAND FOOTPRINT: 16.4 X 8.9 X 12.6

## WEIGHT (LB):

- TV WITHOUT STAND: 95.9
- TV WITH STAND: 110
- SHIPPING: 139 6
- STAND WEIGHT: 14.1

### VESA SUPPORT: YES (600 X 400)

# ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
- POWER CABLE

## MODEL: QN75QN90F ORDER CODE: QN75QN90FAFXZA

SCREEN SIZE CLASS: 75

SCREEN DIAGONAL MEASUREMENT: 74.5'

UPC CODE: 887276934525

**COUNTRY OF ORIGIN: Mexico** 

### DIMENSIONS (INCHES W x H x D):

- TV WITHOUT STAND: 65.7 X 25.9 X 1.1
- · TV WITH STAND (LOWEST): 65.7 X 40 X 11.9
- SHIPPING: 74.2 X 44 X 7.5
- STAND FOOTPRINT: 16.4 X 10.4 X 11.9

## WEIGHT (LB):

- TV WITHOUT STAND: 75.2
- · TV WITH STAND: 87.5

VESA SUPPORT: Yes (400 x 400)

### ACCESSORIES INCLUDED IN BOX:

- · REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
- POWER CABLE



# We are Authorized To Sell Nationwide & ship from 7 Warehouses Logistically Located Across America

Samuring Vision Af features vary by model; see individual model for more info.

10/10/95 07, 45' have 2.2 and 2 channel speakers respectively.

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#### MODELS

MODEL: QN65QN90F ORDER CODE: QN65QN90FAFXZA

SCREEN SIZE CLASS: 65\*

**SCREEN DIAGONAL MEASUREMENT: 64.5** 

UPC CODE: 887276934556

**COUNTRY OF ORIGIN: Mexico** 

#### DIMENSIONS (INCHES W x H x D):

- TV WITH STAND (LOWEST): 56.9 X 35.1 X 10.7
- SHIPPING: 639 X 368 X 73
- STAND FOOTPRINT: 15.4 X 9.3 X 10.7

#### WEIGHT (LB):

- TV WITHOUT STAND: 53.4
- TV WITH STAND: 60.6
- SHIPPING: 78
- STAND WEIGHT: 73

VESA SUPPORT: YES (400 x 300)

#### ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
- POWER CABLE
- USER MANUAL

MODEL: QN55QN90F ORDER CODE: QN55QN90FAFXZA

SCREEN SIZE CLASS: 55'

SCREEN DIAGONAL MEASUREMENT: 54.6"

UPC CODE: 887276934549

**COUNTRY OF ORIGIN: MEXICO** 

#### DIMENSIONS (INCHES W X H X D):

- TV WITH STAND (LOWEST): 48.3 X 30.2 X 9.3
- SHIPPING: 57 X 32 5 X 67
- STAND FOOTPRINT: 15.3 X 8.5 X 9.3

#### WEIGHT (LB):

- TV WITHOUT STAND: 39
- · TV WITH STAND: 45.4
- SHIPPING: 57.8
- · STAND WEIGHT: 64

VESA SUPPORT: YES (200 X 200)

#### ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
- POWER CABLE
- USER MANUAI

MODEL: QN50QN90F ORDER CODE: QN50QN90FAFXZA

SCREEN SIZE CLASS: 50"

**SCREEN DIAGONAL MEASUREMENT: 49.5** 

UPC CODE: 887276934532

**COUNTRY OF ORIGIN: MEXICO** 

### DIMENSIONS (INCHES W X H X D):

- TV WITH STAND (LOWEST): 43.8 X 27.8 X 8.7
- SHIPPING: 51.9 X 30.2 X 5.5
- STAND FOOTPRINT: 20.4 X 8.6 X 8.7

## WEIGHT (LB):

- TV WITHOUT STAND: 29.8
- TV WITH STAND: 38.8
- SHIPPING: 496
- STAND WEIGHT: 9

VESA SUPPORT: YES (200 X 200)

### ACCESSORIES INCLUDED IN BOX:

- REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
- POWER CABLE

MODEL: QN43QN90F ORDER CODE: QN43QN90FAFXZA

SCREEN SIZE CLASS: 43"

SCREEN DIAGONAL MEASUREMENT: 42.5'

UPC CODE: 887276934501

**COUNTRY OF ORIGIN: Mexico** 

### DIMENSIONS (INCHES W x H x D):

- · TV WITH STAND (LOWEST): 37.8 X 24.4 X 8.7
- SHIPPING: 45.8 X 26.3 X 5.5
- STAND FOOTPRINT: 20.4 X 8.6 X 8.7

## WEIGHT (LB):

- TV WITHOUT STAND: 20.7
- · TV WITH STAND: 29.5
- SHIPPING: 38.6

VESA SUPPORT: Yes (200 x 200)

### ACCESSORIES INCLUDED IN BOX:

- · REMOTE MODEL: SOLARCELL™ REMOTE TM2560E
- POWER CABLE



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4K165Hz is only available with PC connected games that support such specifications (PC graphic card required). Performance may vary.

Samsung Account required for network-based samst services, including streaming apps and other smart features. Computer, mobile or other device may be necessary to create/log in to Samsung Account (free to download and create). Without Account log in, only external device connections (e.g., via HDMI) and terrestrial/0 TVS with funeral smallable. Channels wary vary by location and are subject to change. Unit subject to change without prior notice.

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