



**PRODUCT DESCRIPTION**

Upscale your experience with Samsung Vision AI! Powered by 128 AI neural networks, 4K AI Upscaling Pro technology transforms content into a 4K resolution, while the NQ4 AI Gen3 Processor enables sharp and smooth picture quality.

**SIZE CLASS**

43" QN43QN90FAFXZC	50" QN50QN90FAFXZC	55" QN55QN90FAFXZC	65" QN65QN90FAFXZC
75" QN75QN90FAFXZC	85" QN85QN90FAFXZC	98" QN98QN90FAFXZC	115" QN115QN90FFXZC

**KEY FEATURES**

**PRODUCT TYPE**

- NEO QLED 4K Smart TV

**PICTURE**

- Quantum Matrix Technology Plus
- Neo Quantum HDR
- Colour Booster Pro
- AI Motion Enhancer Pro
- Motion Xcelerator 165Hz
- Auto HDR Remastering Pro
- PANTONE Validated
- AI Customization Mode
- Supersize Picture Enhancer

**SOUND**

- Dolby Atmos
- Active Voice Amplifier Pro
- OTS+
- Adaptive Sound Pro
- Q-Symphony

**DESIGN**

- NeoSlim Design

**EXPERIENCE**

- One UI Tizen
- Endless Free Content
- Samsung TV Plus
- Gaming Hub
- Game Bar
- AI Auto Game Mode
- Hue Sync
- FreeSync Premium Pro
- Multiple Voice Assistant/Bixby
- Samsung Daily
- SmartThings
- Built-in SmartThings Hub
- 360 Audio mode
- Quick Remote
- Multi control
- Storage Share

**NQ4 AI GEN3 PROCESSOR**

**OUR MOST ADVANCED AI POWERED 4K PROCESSOR**

Samsung's AI powered 4K processor creates an incredible 4K experience. Our 4K AI Upscaling technology powered by 128 AI neural networks transforms content into 4K picture quality. Our NQ4 AI Gen3 Processor optimizes both picture and sound to deliver a 4K experience whether you are streaming OTT services, playing your favourite video games, or watching live sports.

**4K AI UPSCALING PRO**

**UPSCALE CONTENT INTO AN 4K EXPERIENCE WITH 128 AI NEURAL NETWORKS**

Our 4K AI Upscaling Pro technology powered by 128 AI neural networks transforms content into a near-4K resolution. Our NQ4 AI Gen3 Processor enables sharp and smooth picture quality.

\* Viewing experience may vary according to types of content and format.  
\*\* Upscaling may not apply to PC connection and Game Mode.

**GLARE FREE \* 115" ANTI REFLECTION**

**ELIMINATE REFLECTIONS FROM YOUR SCREEN ALL DAY LONG**

Glare Free is our most advanced anti glare technology designed to eliminate reflections and reduce screen glare, allowing more clear, comfortable and focused viewing experience, whether it's daylight or indoor lighting.

UL's verification validates the 'Glare Free' claim by assessing the products against Unified Glare Rating (UGR) testing standard set by the International Commission on Illumination (CIE) and testing standard set by the International Organization for Standardization.

**NEO QUANTUM HDR**

**EXPERIENCE 4K WITH RICHER COLOURS AND MORE NUANCED DETAILS**

Experience richer and more accurate colours in 4K resolution. Appreciate more nuanced details, thanks to deeper contrast realized by the HDR10+ tone mapping that dynamically adapts to the characteristics of each scene.

The range of Quantum HDR luminance is based on internal testing standards and subject to change according to viewing conditions or specifications.

- Daily Board
- Art Store
- Universal Gesture
- Karaoke

**SUSTAINABILITY**

- SolarCell Remote
- AI Energy Mode

**SAMSUNG VISION AI**

- Live Translate
- Home Insight
- AI Mode
- Generative Wallpaper

**SECURITY**

- Samsung Knox Security

\* Some features may not be available at the time of Purchase and some 3rd party IOT devices and SmartThings are required to complete all features shown.

## SPECIFICATIONS

MODEL CODE: QN43QN90FAFXZC

SCREEN SIZE CLASS: 43"

SCREEN DIAGONAL MEASUREMENT: 42.5

UPC CODE: 887276935973

COUNTRY OF ORIGIN: MEXICO

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

- SET SIZE WITHOUT STAND (MM): 960.8 X 558.9 X 26.9
- SET SIZE WITH STAND - LOWEST (MM):  
960.8 X 619.9 X 220
- PACKAGE SIZE (MM): 1164 X 667 X 140

## WEIGHT (KG):

- SET WEIGHT WITHOUT STAND: 9.4
- SET WEIGHT WITH STAND: 13.4
- PACKAGE WEIGHT: 17.5
- STAND WEIGHT: 4

VESA SUPPORT: YES (200MM X 200MM)

## ACCESSORIES INCLUDED IN BOX:

- REMOTE CONTROLLER MODEL: TM2560E
- REMOTE CONTROLLER MODEL CODE: BN59-01480A
- SAMSUNG SMART CONTROL (INCLUDED): YES

MODEL CODE: QN50QN90FAFXZC

SCREEN SIZE CLASS: 50"

SCREEN DIAGONAL MEASUREMENT: 42.5

UPC CODE: 887276936857

COUNTRY OF ORIGIN: MEXICO

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

- SET SIZE WITHOUT STAND (MM): 1113.6 X 644.1 X 26.9
- SET SIZE WITH STAND- LOWEST (MM):  
1113.6 X 705.4 X 220
- PACKAGE SIZE (MM): 1317 X 767 X 140

## WEIGHT (KG):

- SET WEIGHT WITHOUT STAND: 13.5
- SET WEIGHT WITH STAND: 17.6
- PACKAGE WEIGHT: 22.5
- STAND WEIGHT: 4.1

VESA SUPPORT: YES (200MM X 200MM)

## ACCESSORIES INCLUDED IN BOX:

- REMOTE CONTROLLER MODEL: TM2560E
- REMOTE CONTROLLER MODEL CODE: BN59-01480A
- SAMSUNG SMART CONTROL (INCLUDED): YES

## SPECIFICATIONS

MODEL CODE: QN55QN90FAFXZC

SCREEN SIZE CLASS: 55"

SCREEN DIAGONAL MEASUREMENT: 54.6

UPC CODE: 887276935997

COUNTRY OF ORIGIN: MEXICO

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

- SET SIZE WITHOUT STAND (MM): 1227.4 X 705.6 X 26.9
- SET SIZE WITH STAND- LOWEST (MM):  
1227.4 X 768.2 X 237
- PACKAGE SIZE (MM): 1448 X 826 X 170

## WEIGHT (KG):

- SET WEIGHT WITHOUT STAND: 17.7
- SET WEIGHT WITH STAND: 20.6
- PACKAGE WEIGHT: 26.2
- STAND WEIGHT: 2.9

VESA SUPPORT: YES (200MM X 200MM)

## ACCESSORIES INCLUDED IN BOX:

- REMOTE CONTROLLER MODEL: TM2560E
- REMOTE CONTROLLER MODEL CODE: BN59-01480A
- SAMSUNG SMART CONTROL (INCLUDED): YES

MODEL CODE: QN65QN90FAFXZC

SCREEN SIZE CLASS: 65"

SCREEN DIAGONAL MEASUREMENT: 64.5

UPC CODE: 887276935980

COUNTRY OF ORIGIN: MEXICO

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

- SET SIZE WITHOUT STAND (MM): 1446.3 X 828.7 X 26.9
- SET SIZE WITH STAND- LOWEST (MM):  
1446.3 X 891.3 X 270.6
- PACKAGE SIZE (MM): 1622 X 935 X 185

## WEIGHT (KG):

- SET WEIGHT WITHOUT STAND: 24.2
- SET WEIGHT WITH STAND: 27.5
- PACKAGE WEIGHT: 35.4
- STAND WEIGHT: 3.3

VESA SUPPORT: YES (400MM X 300MM)

## ACCESSORIES INCLUDED IN BOX:

- REMOTE CONTROLLER MODEL: TM2560E
- REMOTE CONTROLLER MODEL CODE: BN59-01480A
- SAMSUNG SMART CONTROL (INCLUDED): YES

## SPECIFICATIONS

**MODEL CODE:** QN75QN90FAFXZC**SCREEN SIZE CLASS:** 75"**SCREEN DIAGONAL MEASUREMENT:** 74.5**UPC CODE:** 887276935478**COUNTRY OF ORIGIN:** MEXICO**DIMENSIONS (MM W X H X D):**

- SET SIZE WITHOUT STAND (MM): 1670 X 657.4 X 27.7
- SET SIZE WITH STAND- LOWEST (MM): 1670 X 1017.2 X 301.2
- PACKAGE SIZE (MM): 1884 X 1118 X 191

**WEIGHT (KG):**

- SET WEIGHT WITHOUT STAND: 34.1
- SET WEIGHT WITH STAND: 39.7
- PACKAGE WEIGHT: 50.2
- STAND WEIGHT: 5.6

**VESA SUPPORT:** YES (400MM X 400MM)**ACCESSORIES INCLUDED IN BOX:**

- REMOTE CONTROLLER MODEL: TM2560E
- REMOTE CONTROLLER MODEL CODE: TM2560E
- SAMSUNG SMART CONTROL (INCLUDED): YES

**MODEL CODE:** QN85QN90FAFXZC**SCREEN SIZE CLASS:** 85"**SCREEN DIAGONAL MEASUREMENT:** 84.5**UPC CODE:** 887276935485**COUNTRY OF ORIGIN:** MEXICO**DIMENSIONS (MM W X H X D):**

- SET SIZE WITHOUT STAND (MM): 1892.2 X 1081.9 X 27.9
- SET SIZE WITH STAND- LOWEST (MM): 1892.2 X 1143 X 321.3
- PACKAGE SIZE (MM): 2141 X 1245 X 230

**WEIGHT (KG):**

- SET WEIGHT WITHOUT STAND: 43.5
- SET WEIGHT WITH STAND: 49.9
- PACKAGE WEIGHT: 63.3
- STAND WEIGHT: 6.4

**VESA SUPPORT:** YES (600MM X 400MM)**ACCESSORIES INCLUDED IN BOX:**

- REMOTE CONTROLLER MODEL: TM2560E
- REMOTE CONTROLLER MODEL CODE: BN59-01480A
- SAMSUNG SMART CONTROL (INCLUDED): YES

## SPECIFICATIONS

**MODEL CODE:** QN98QN90FAFXZC**SCREEN SIZE CLASS:** 98"**SCREEN DIAGONAL MEASUREMENT:** 97.5**UPC CODE:** 887276935492**COUNTRY OF ORIGIN:** MEXICO**DIMENSIONS (MM W X H X D):**

- SET SIZE WITHOUT STAND (MM): 2185.1 X 1249.3 X 31.1
- SET SIZE WITH STAND- LOWEST (MM):  
2185.1 X 1305.9 X 364.9
- PACKAGE SIZE (MM): 2370 X 1420 X 275

**WEIGHT (KG):**

- SET WEIGHT WITHOUT STAND: 61.4
- SET WEIGHT WITH STAND: 70.6
- PACKAGE WEIGHT: 92.7
- STAND WEIGHT: 9.2

**VESA SUPPORT:** YES (600MM X 400MM)**ACCESSORIES INCLUDED IN BOX:**

- REMOTE CONTROLLER MODEL: TM2560E
- REMOTE CONTROLLER MODEL CODE: BN59-01480A
- SAMSUNG SMART CONTROL (INCLUDED): YES

**MODEL CODE:** QN115QN90FFXZC**SCREEN SIZE CLASS:** 115"**SCREEN DIAGONAL MEASUREMENT:** TBD**UPC CODE:** TBD**COUNTRY OF ORIGIN:** VIETNAM**DIMENSIONS (MM W X H X D):**

- SET SIZE WITHOUT STAND (MM): TBD
- SET SIZE WITH STAND (MM): TBD
- PACKAGE SIZE (MM): TBD

**WEIGHT (KG):**

- SET WEIGHT WITHOUT STAND: TBD
- SET WEIGHT WITH STAND: TBD
- PACKAGE WEIGHT: TBD
- STAND WEIGHT: TBD

**VESA SUPPORT:** TBD**ACCESSORIES INCLUDED IN BOX:**

- REMOTE CONTROLLER MODEL: TM2560E
- REMOTE CONTROLLER MODEL CODE: BN59-01480A
- SAMSUNG SMART CONTROL (INCLUDED): YES