



### SEE THE SPECTRUM OF CONTRAST AND SOUND

Samsung's Q80B truly offers the best of both worlds with its fine spectrum of visual depth and immersive sound features. The Direct Full Array delivers elite contrast and depth even in the darkest or brightest of scenes. Lose yourself in the glorious picture as the Quantum Processor 4K smartly reads the room and adapts the colours to suit your viewing needs. The realistic ambiance created by the cinematic sound of Dolby Atmos with real top speaker channels gives your content the perfect immersive touch. Conveniently explore your favourite shows, movies and content with Smart Hub. Enjoy the true wonders of a Smart TV with the new QLED Q80 4K TV.

### SIZE CLASS

85"

QN85Q80BA

75"

QN75Q80BA

65"

QN65Q80BA

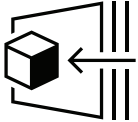
55"

QN55Q80BA

50"

QN50Q80BA

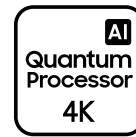
### PRODUCT HIGHLIGHTS



Direct Full Array



Dolby Atmos®



Quantum  
Processor 4K<sup>1</sup>



Smart Hub<sup>2</sup>

### KEY FEATURES

#### PRODUCT TYPE

- QLED 4K

#### PICTURE

- Quantum HDR 12x<sup>3</sup>
- Motion Xcelerator Turbo+<sup>4</sup>
- Smart Calibration
- EyeComfort Mode
- 100% Colour Volume with Quantum Dot<sup>5</sup>
- Real Depth Enhancer
- Filmmaker Mode
- Wide Viewing Angle
- Adaptive Picture

#### SOUND

- Q-Symphony<sup>6</sup>
- Object Tracking Sound (OTS)
- SpaceFit Sound

- Active Voice Amplifier
- Adaptive Sound+
- Dolby Atmos®

#### DESIGN

- SolarCell Remote<sup>7</sup>
- Ambient Mode+<sup>8</sup>

#### EXPERIENCE

- SmartThings<sup>9</sup>
- Watch Together<sup>10</sup>
- FreeSync Premium Pro<sup>11</sup>
- Video Call Applications<sup>12</sup>
- Samsung TV Plus<sup>13</sup>
- Samsung Health<sup>14</sup>
- Multi View<sup>15</sup>
- Tap View<sup>16</sup>
- PC on TV<sup>17</sup>

- Multiple Voice Assistants<sup>18</sup>  
(Bixby, Amazon Alexa, Google\*)
- Auto Low Latency Mode<sup>19</sup> (ALLM)
- Super Ultrawide Game View & Game Bar 2.0<sup>20</sup>

#### CONNECTIVITY

- 4 HDMI Connections
- 2 USB Connections
- LAN Port
- Built-in Wi-Fi
- Bluetooth
- RS232 Control (USB to EX-Link)

#### INDUSTRY CERTIFICATIONS

- HLG
- HDR 10
- HDR 10+ Adaptive

## Q80B TV HIGHLIGHTS

### DIRECT FULL ARRAY

Concentrated zones of precision-controlled LEDs display ultra-deep blacks and pure whites.

### DOLBY ATMOS®

Samsung's new top channel speakers deliver a next level Dolby Atmos experience that will immerse you in the action with multi-dimensional sound. With the addition of Samsung's top channel speakers and Dolby Atmos, Neo QLED delivers an incredible audio experience.

### QUANTUM PROCESSOR 4K<sup>1</sup>

Quantum Processor 4K drives all-around performance, intelligently optimizing picture, sound, and more to give you a truly breathtaking viewing experience.

<sup>1</sup>Viewing experience may vary according to types of content and format. Upscaling may not apply to PC connection and Game Mode.

### SMART HUB<sup>2</sup>

Samsung's new Smart Hub puts content curation and discovery front and center, so you spend less time searching and more time streaming movies, games, and shows. With three categories—Media, Game, and Ambient—Samsung optimizes your TV experience based on how you use your TV.

<sup>2</sup>Content services and recommendation may vary by regions. Agreement of the Smart Hub Terms and Conditions and Privacy Policy is required before use. Some services are available to watch after registration and subscription.

## PICTURE

### QUANTUM HDR12X<sup>3</sup>

Experience the immersive colour with deeper detail and contrast. Quantum HDR 12x brings you to a new level of HDR.

<sup>3</sup>The range of Quantum HDR luminance is based on internal testing standards and subject to change according to viewing conditions or specifications. 50" Quantum HDR 8x.

### MOTION XCELERATOR TURBO+<sup>4</sup>

Conquer every enemy, even at soaring speeds. With exceptional motion enhancements up to 4K120Hz, you can enjoy gameplay with ultra-smooth action without lag and motion blur.

<sup>4</sup>50" Motion Xcelerator Turbo

### SMART CALIBRATION

Meet the innovative, all-in-one image optimization solution that allows you to calibrate your screen with a touch of a button from your smartphone. Within only 5-7 minutes, you can quickly calibrate your screen to enjoy creator's intention.

### EYECOMFORT MODE

Samsung's unique EyeComfort Mode preloads local sunset and sunrise times to your screen, so it can automatically adjust your display accordingly. Also, it lowers brightness and colours after sunset, so your screen is softer on your eyes-making it easier to unwind and rest at the end of the day.

### 100% COLOUR VOLUME WITH QUANTUM DOT<sup>5</sup>

Quantum Dot technology delivers our finest picture yet on a TV. With Colour Volume 100%, Quantum Dot takes light and turns it into breathtaking colour that stays true at any level of brightness.

<sup>5</sup>100% colour volume measured to DCI-P3 standard, certified by VDE.

### REAL DEPTH ENHANCER

Real Depth Enhancer now mirrors how human eyes process depth by increasing foreground contrast. So, when you are watching a nature documentary, Real Depth Enhancer enhances an elephant's wrinkles while leaving the background as is – just as a person's eyes would.

### FILMMAKER MODE

Filmmaker Mode allows home viewers to choose a more cinematic experience, and enjoy film and television shows as they were intended to be seen by the people who made them.

### WIDE VIEWING ANGLE

Wide Viewing Angle lets you see brilliant colour from more angles with less colour distortion. Even when viewing from the side, you get the full picture every time.

### ADAPTIVE PICTURE

Experience an ideal picture every time, even as the light around you changes. Adaptive Picture automatically adjusts brightness and contrast, so your viewing enjoyment is not affected by the changing conditions in the room.

## SOUND

### Q-SYMPHONY<sup>6</sup>

Surround yourself with sound from TV and soundbar orchestrated in harmony. Q-Symphony uniquely allows TV and soundbar speakers to operate simultaneously for better surround effect without muting TV speakers.

<sup>6</sup>Check for Q-Symphony compatibility on soundbar product specifications. Soundbar is sold separately.

### OBJECT TRACKING SOUND (OTS)

Experience the nuance in every scene with audio that tracks every motion. With dedicated up-firing speakers, you can experience realistic 3D sound that pulls you in closer.

### SPACEFIT SOUND

Enjoy an optimized sound in alignment with the installation environment, whether it is on the wall or on the table, providing an optimal sound experience.

### ACTIVE VOICE AMPLIFIER

Newly added real-time noise intelligence. When noise occurs in the living environment, it could disturb viewers. However, AVA helps emphasize voice of the scene so that the TV can deliver clear dialogues to viewers.

**ADAPTIVE SOUND+**

Adaptive sound has audio scenic intelligence that optimizes sound based on real time scene analysis by content type.

**DESIGN****SOLARCELL REMOTE<sup>7</sup>**

With a solar panel on its back that you can use for charging, you don't need to use disposable batteries anymore. Also, you can enjoy new smart features such as a built-in microphone with a voice assistant, so it is innovative in more ways than one.

<sup>7</sup>To charge the remote with solar energy, set the TV remote down with the solar panel facing up. Place it in your living room while your lights are turned on, or you can place it near a window where it will soak in natural sunlight.

**AMBIENT MODE+<sup>8</sup>**

Watch your TV blend into the walls of your home. It's no mere decoration, because even in the ambient mode, your TV is ready to push and pull useful information and entertainment whenever you need it.

<sup>8</sup>Background feature accuracy may vary based on TV location, dependent on wall designs, patterns, and/or colours.

**EXPERIENCE****SMARTTHINGS<sup>9</sup>**

Let your TV automatically detect and instantly connect all your devices near your TV. SmartThings not only supports mobile/cam/IoT/Smart appliances but also supports legacy appliances. You can control devices directly with remote or voice when watching TV.

<sup>9</sup>Available technology, functions and features may vary by country, service provider, network environment or product, and are subject to change without notice. Requires a Wi-Fi, Bluetooth or other wireless network connection and devices registered to SmartThings app. Connected devices are sold separately.

**WATCH TOGETHER<sup>10</sup>**

Stay connected, and stream together with Watch Together app. We've merged the TV video calling capability that Samsung users already love with live programming. Users can simply click "watch together" on their call screens to watch and share your favourite content.

<sup>10</sup>Available in select 2022 models.

**FREESYNC PREMIUM PRO<sup>11</sup>**

Building on AMD FreeSync™ core technology to reduce stutter and screen tearing, TVs with the AMD FreeSync™ Premium Pro tier provide a fantastic HDR gaming experience. Enjoy a combination of smooth gaming at peak performance, and exceptional high dynamic range visuals while still maintaining low latency for effortlessly smooth gameplay.

<sup>11</sup>Viewing experience may vary according to types of content and graphics processing unit.

**VIDEO CALL APPLICATIONS<sup>12</sup>**

Connect your video call applications seamlessly to your screen and spend time with your loved ones on a bigger screen. With wider partnership with Google Duo and Microsoft teams, you can have the option to pick and choose your preferred application. Also, now you can connect your own mobile camera in addition to Samsung SlimFit cam and Logitech webcam, which makes accessing video calling easier.

<sup>12</sup>Additional compatible Samsung SlimFit cam, compatible Logitech webcam or mobile camera required. Sold separately.

**SAMSUNG TV PLUS<sup>13</sup>**

Enjoy free live streaming TV content on Samsung TV Plus. Choose from a variety of channels offering content for all interests. No need to ask your friend which content is hot these days. Just tune in to Samsung TV Plus and find out.

<sup>13</sup>Channels may vary by country and are subject to change without notifications. Supported Samsung devices may vary by country.

**SAMSUNG HEALTH<sup>14</sup>**

Master your exercise with camera-powered coaching, keep track of your daily stats synced from Samsung Health application and access content from leading fitness and mindfulness industry partners, all in one place.

<sup>14</sup>Smart Trainer support devices may vary by country. Partners and content may vary by region.

**MULTI VIEW<sup>15</sup>**

Watch what's on your TV and your mobile on the same screen at the same time. Whether it's live stats for sports or cheat videos for games, simply connect your phone and multi-screen to see both simultaneously. You can also enjoy optimized multi-tasking such as ultrawide game and vertical state, and simply add-up content to watch it all simultaneously or make your own combination.

<sup>15</sup>Supports Android OS and iOS based smartphone.

**TAP VIEW<sup>16</sup>**

Mirroring movies or music from your mobile to TV is as simple as a tap. When you tap your TV with your mobile, the TV senses the tap and mirrors it automatically. So it's quick and easy to switch to the TV and continue enjoying your favourite content.

<sup>16</sup>Tap View is available on Samsung Galaxy devices with Android OS 8.1 and higher.

**PC ON TV<sup>17</sup>**

The more screens, the better. Now everyone in the house can work from home without having to worry about a screen. Access your PC, laptop and mobile seamlessly on your TV.

<sup>17</sup>Compatible with certain PC and mobile devices. For a complete list of compatible devices, please refer to [samsung.ca](https://samsung.ca) for more information.

**MULTIPLE VOICE ASSISTANTS<sup>18</sup>** (BIXBY, AMAZON ALEXA, GOOGLE\*)

Choose your favourite voice assistant; Bixby, Amazon Alexa or Google Assistant. For the first time, all are built into your Samsung TV to provide the optimal entertainment experience and advanced control in your connected home.

<sup>18</sup>Samsung may at any time and in its sole discretion without prior warning or notice change the voice assistant services or suspend and/or cease providing the voice assistant services or any part of the voice assistant services. Content, TV services and capabilities pictured may not be available in all regions and territories. Bixby voice commands recognize English (US/UK), French, Spanish, German, Italian, Chinese and Korean. Not all accents, dialects and expressions recognized. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. Google is a trademark of Google LLC.

**AUTO LOW LATENCY MODE (ALLM)<sup>19</sup>**

Get into the game faster with Auto Low Latency Mode (ALLM) which optimizes your screen so you can have more control with barely noticeable input lag. Experience smooth gaming in its most impressive form without motion blur and judder.

<sup>19</sup>Low input lag is measured based on internal testing conditions and it is subject to change according to game setting or specific conditions.

**SUPER ULTRAWIDE GAME VIEW & GAME BAR 2.0<sup>20</sup>**

Bigger and wider TV screens with 21:9 and 32:9 ratios allow you to have more viewing area and give you best gaming experience for winning. Also, display Game Bar allows you to optimize your gameplay with a comprehensive menu, such as screen ratio adjustment, input lag check, FPS, HDR, wireless headset and more.

<sup>20</sup>Super Ultrawide GameView is available for ultra wide supported games and PC games only. Some game titles may not support or be limited in the use of this function. Screen resolution change from external device may be required. Zoom-in mode is available for 21:9, 32:9 resolution.

## SPECIFICATIONS

**MODEL CODE:** QN85Q80BAFXZC**SCREEN SIZE CLASS:** 85"**SCREEN DIAGONAL MEASUREMENT:** 84.5**UPC CODE:** 887276639567**COUNTRY OF ORIGIN:** MEXICO**DIMENSIONS (MM W X H X D):**

- SET SIZE WITHOUT STAND (MM): 1892.8 X 1083.2 X 54.9
- SET SIZE WITH STAND (MM): 1892.8 X 1163.1 X 338.8
- PACKAGE SIZE (MM): 2146 X 1245 X 260

**WEIGHT (KG):**

- SET WEIGHT WITHOUT STAND: 43.3
- SET WEIGHT WITH STAND: 50.1
- PACKAGE WEIGHT: 65.6
- STAND WEIGHT: 6.8

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

- REMOTE CONTROLLER MODEL: YES
- REMOTE CONTROLLER MODEL CODE: TM2280E
- SAMSUNG SMART CONTROL (INCLUDED): YES

**MODEL CODE:** QN75Q80BAFXZC**SCREEN SIZE CLASS:** 75"**SCREEN DIAGONAL MEASUREMENT:** 74.5**UPC CODE:** 887276639550**COUNTRY OF ORIGIN:** MEXICO**DIMENSIONS (MM W X H X D):**

- SET SIZE WITHOUT STAND (MM): 1670.6 X 958.7 X 54.7
- SET SIZE WITH STAND (MM): 1670.6 X 1036.2 X 316.8
- PACKAGE SIZE (MM): 1931 X 1115 X 214

**WEIGHT (KG):**

- SET WEIGHT WITHOUT STAND: 34.4
- SET WEIGHT WITH STAND: 40.3
- PACKAGE WEIGHT: 52
- STAND WEIGHT: 5.9

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

- REMOTE CONTROLLER MODEL: YES
- REMOTE CONTROLLER MODEL CODE: TM2280E
- SAMSUNG SMART CONTROL (INCLUDED): YES

## SPECIFICATIONS

**MODEL CODE:** QN65Q80BAFXZC**SCREEN SIZE CLASS:** 65"**SCREEN DIAGONAL MEASUREMENT:** 64.5**UPC CODE:** 887276639529**COUNTRY OF ORIGIN:** MEXICO**DIMENSIONS (MM W X H X D):**

- SET SIZE WITHOUT STAND (MM): 1446.5 X 829.8 X 54.7
- SET SIZE WITH STAND (MM): 1446.5 X 905.7 X 289.1
- PACKAGE SIZE (MM): 1621 X 965 X 2147

**WEIGHT (KG):**

- SET WEIGHT WITHOUT STAND: 24.1
- SET WEIGHT WITH STAND: 27.8
- PACKAGE WEIGHT: 36.7
- STAND WEIGHT: 3.7

**VESA SUPPORT:** YES (400MM X 300MM)**ACCESSORIES INCLUDED IN BOX:**

- REMOTE CONTROLLER MODEL: YES
- REMOTE CONTROLLER MODEL CODE: TM2280E
- SAMSUNG SMART CONTROL (INCLUDED): YES

**MODEL CODE:** QN55Q80BAFXZC**SCREEN SIZE CLASS:** 55"**SCREEN DIAGONAL MEASUREMENT:** 54.6**UPC CODE:** 887276639543**COUNTRY OF ORIGIN:** MEXICO**DIMENSIONS (MM W X H X D):**

- SET SIZE WITHOUT STAND (MM): 1277.6 X 706.7 X 54.7
- SET SIZE WITH STAND (MM): 1227.6 X 783.4 X 255.8
- PACKAGE SIZE (MM): 1459 X 842 X 178

**WEIGHT (KG):**

- SET WEIGHT WITHOUT STAND: 17.9
- SET WEIGHT WITH STAND: 21
- PACKAGE WEIGHT: 27
- STAND WEIGHT: 3.1

**VESA SUPPORT:** YES (200MM X 200MM)**ACCESSORIES INCLUDED IN BOX:**

- REMOTE CONTROLLER MODEL: YES
- REMOTE CONTROLLER MODEL CODE: TM2280E
- SAMSUNG SMART CONTROL (INCLUDED): YES

## SPECIFICATIONS

**MODEL CODE:** QN50Q80BAFXZC

**SCREEN SIZE CLASS:** 50"

**SCREEN DIAGONAL MEASUREMENT:** 49.5

**UPC CODE:** 887276639536

**COUNTRY OF ORIGIN:** MEXICO

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

- SET SIZE WITHOUT STAND (MM): 1114.2 X 644.6 X 53.9
- SET SIZE WITH STAND (MM): 1114.2 X 723 X 239.8
- PACKAGE SIZE (MM): 1337 X 780 X 178

### **WEIGHT (KG):**

- SET WEIGHT WITHOUT STAND: 13.7
- SET WEIGHT WITH STAND: 18.1
- PACKAGE WEIGHT: 23.4
- STAND WEIGHT: 4.4

**VESA SUPPORT:** YES (200MM X 200MM)

### **ACCESSORIES INCLUDED IN BOX:**

- REMOTE CONTROLLER MODEL: YES
- REMOTE CONTROLLER MODEL CODE: TM2280E
- SAMSUNG SMART CONTROL (INCLUDED): YES

## ASSETS

### ACCESS Q80B TV ASSETS ON MICROSOFT TEAMS

[Product Images](#)

[Logos](#)

[Lifestyle Images](#)

[Product Beauty Images](#)

[Key Feature Images](#)

If you do not have a Teams account, please email [teamsaccess@cheil.com](mailto:teamsaccess@cheil.com) for access.