

# SAMSUNG

## Q70D – QLED 4K Smart TV (2024)

Experience intelligence and realism in 4K



**55", 65", 75", 85"**

### Top Features

#### QLED powered by Quantum Dot

With 100% colour volume, Samsung's Quantum Dot technology takes light and turns it into breathtaking colours that stay true at almost any level of brightness.<sup>1</sup>

#### 4K AI Upscaling powered by Quantum Processor 4K

Enjoy one of our best 4K picture performances. Using AI neural networks, your TV upscales your favourite content up to 4K to help it look its best.<sup>2</sup>

#### Endless Free Content

Access Australia's favourite apps for streaming movies, games and shows you love, including 300+ free channels including Samsung TV Plus.<sup>3</sup>

#### Motion Rate 200

Motion Rate 200 helps minimise blur and judder from fast moving scenes through the creation or duplication of image frames.<sup>4</sup>

<sup>1</sup> Compared to previous Samsung Smart TV. Available on HDR content only. Colour volume testing is capable of producing results greater than 100%. Q-series models produce more than 100% colour volume when tested using the IDMS 1.03b standard and DCI-P3 colour space. Brightness tested at maximum luminance with 10% White Window in HDR. Testing verified by an independent third party.

<sup>2</sup> Picture quality of upscaled content will vary depending on the quality and resolution of source content and may not apply to PC connection and Game Mode.

<sup>3</sup> Channel number including channels provided by Samsung TV Plus and third-party apps counts are current as of May, 2024 for each country. Channels vary by country and are subject to change without notifications. Samsung TV Plus is a free-ad supported Smart TV video service. Internet connection required and data usage fees may apply. Requires Samsung account. Downloading apps, signing up, and logging in may be required to access channels provided by third-parties.

<sup>4</sup> Viewing experience may vary according to types of content and format.

| Product | Product Category           | 55"                    | 65"                    | 75"                    | 85"                    |
|---------|----------------------------|------------------------|------------------------|------------------------|------------------------|
|         |                            | QLED                   | QLED                   | QLED                   | QLED                   |
|         | Model Number               | QA55Q70DAWXXY          | QA65Q70DAWXXY          | QA75Q70DAWXXY          | QA85Q70DAWXXY          |
| Display | Screen Size                | 55"                    | 65"                    | 75"                    | 85"                    |
|         | Resolution                 | 4K (3,840 x 2,160)     | 4K (3,840 x 2,160)     | 4K (3,840 x 2,160)     | 4K (3,840 x 2,160)     |
|         | Native Refresh Rate        | 100Hz                  | 100Hz                  | 100Hz                  | 100Hz                  |
|         | Motion Rate                | 200                    | 200                    | 200                    | 200                    |
| Video   | Picture Engine             | Quantum Processor 4K   | Quantum Processor 4K   | Quantum Processor 4K   | Quantum Processor 4K   |
|         | HDR (High Dynamic Range)   | Quantum HDR            | Quantum HDR            | Quantum HDR            | Quantum HDR            |
|         | HDR 10+                    | Yes (ADAPTIVE/ GAMING) | Yes (ADAPTIVE/ GAMING) | Yes (ADAPTIVE/ GAMING) | Yes (ADAPTIVE/ GAMING) |
|         | AI HDR Remastering         | N/A                    | N/A                    | N/A                    | N/A                    |
|         | Contrast                   | Dual LED               | Dual LED               | Dual LED               | Dual LED               |
|         | Colour                     | Quantum Dot            | Quantum Dot            | Quantum Dot            | Quantum Dot            |
|         | Viewing Angle              | Wide Viewing Angle     | Wide Viewing Angle     | Wide Viewing Angle     | Wide Viewing Angle     |
|         | Micro Dimming              | Supreme UHD Dimming    | Supreme UHD Dimming    | Supreme UHD Dimming    | Supreme UHD Dimming    |
|         | Contrast Enhancer          | Yes                    | Yes                    | Yes                    | Yes                    |
|         | Expert Calibration         | N/A                    | N/A                    | N/A                    | N/A                    |
|         | Smart Calibration          | Basic                  | Basic                  | Basic                  | Basic                  |
|         | Picture Upscale            | 4K AI Upscaling        | 4K AI Upscaling        | 4K AI Upscaling        | 4K AI Upscaling        |
|         | AI Motion Enhancer         | N/A                    | N/A                    | N/A                    | N/A                    |
|         | Supersize Picture Enhancer | N/A                    | N/A                    | N/A                    | N/A                    |
|         | HDR Brightness Optimizer   | N/A                    | N/A                    | N/A                    | N/A                    |
|         | Filmmaker Mode             | Yes                    | Yes                    | Yes                    | Yes                    |
| Audio   | Dolby Atmos                | N/A                    | N/A                    | N/A                    | N/A                    |
|         | Object Tracking Sound      | OTS Lite               | OTS Lite               | OTS Lite               | OTS Lite               |
|         | Q-Symphony                 | Yes                    | Yes                    | Yes                    | Yes                    |
|         | Sound Output (RMS)         | 20W                    | 20W                    | 20W                    | 20W                    |
|         | Speaker Type               | 2CH                    | 2CH                    | 2CH                    | 2CH                    |
|         | Active Voice Amplifier Pro | Yes                    | Yes                    | Yes                    | Yes                    |
|         | Adaptive Sound             | Adaptive Sound Pro     | Adaptive Sound Pro     | Adaptive Sound Pro     | Adaptive Sound Pro     |
|         | 360 Audio                  | Yes                    | Yes                    | Yes                    | Yes                    |

|               |                                                        | 55"                                                                                                                                                                                 | 65"                                                                                                                                                                                 | 75"                                                                                                                                                                                 | 85"                                                                                                                                                                                 |
|---------------|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Smart Service | Operating System                                       | Tizen™ Smart TV                                                                                                                                                                     | Tizen™ Smart TV                                                                                                                                                                     | Tizen™ Smart TV                                                                                                                                                                     | Tizen™ Smart TV                                                                                                                                                                     |
|               | Bixby                                                  | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 |
|               | Far-Field Voice Interaction                            | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 |
|               | Built-in Voice Assistant                               | Alexa                                                                                                                                                                               | Alexa                                                                                                                                                                               | Alexa                                                                                                                                                                               | Alexa                                                                                                                                                                               |
|               | Works with AI Speaker                                  | Alexa, Google Assistant                                                                                                                                                             | Alexa, Google Assistant                                                                                                                                                             | Alexa, Google Assistant                                                                                                                                                             | Alexa, Google Assistant                                                                                                                                                             |
|               | Samsung TV Plus                                        | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 |
|               | Web Browser                                            | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 |
|               | SmartThings Hub / Matter Hub / IoT-Sensor Funtionality | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 |
| Smart Feature | Multi Device Experience                                | TV to Mobile, Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On (requires Android 6.0† with Screen Cast capabilities or iPhone iOS 11.4† with AirPlay 2 support) | TV to Mobile, Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On (requires Android 6.0† with Screen Cast capabilities or iPhone iOS 11.4† with AirPlay 2 support) | TV to Mobile, Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On (requires Android 6.0† with Screen Cast capabilities or iPhone iOS 11.4† with AirPlay 2 support) | TV to Mobile, Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On (requires Android 6.0† with Screen Cast capabilities or iPhone iOS 11.4† with AirPlay 2 support) |
|               | Multi-View                                             | Up to 2 videos                                                                                                                                                                      | Up to 2 videos                                                                                                                                                                      | Up to 2 videos                                                                                                                                                                      | Up to 2 videos                                                                                                                                                                      |
|               | Ambient Mode                                           | Ambient Mode+                                                                                                                                                                       | Ambient Mode+                                                                                                                                                                       | Ambient Mode+                                                                                                                                                                       | Ambient Mode+                                                                                                                                                                       |
|               | NFT                                                    | Nifty Gateway                                                                                                                                                                       | Nifty Gateway                                                                                                                                                                       | Nifty Gateway                                                                                                                                                                       | Nifty Gateway                                                                                                                                                                       |
|               | ScreenVitals                                           | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 |
|               | Apple AirPlay                                          | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 |
|               | Daily+                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 |
| Game Feature  | HDMI 2.1 Support                                       | Yes (Up to 120Hz/FPS)                                                                                                                                                               | Yes (Up to 120Hz/FPS)                                                                                                                                                               | Yes (Up to 120Hz/FPS)                                                                                                                                                               | Yes (Up to 120Hz/FPS)                                                                                                                                                               |
|               | Auto Game Mode (ALLM)                                  | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 |
|               | Game Motion Plus                                       | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 |
|               | VRR                                                    | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 |
|               | Dynamic Black EQ                                       | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 |
|               | Surround Sound                                         | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 |
|               | Super Ultra Wide Game View                             | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 |
|               | MiniMap Zoom                                           | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 |
|               | Hue Sync                                               | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 |
|               | FreeSync                                               | FreeSync Premium                                                                                                                                                                    | FreeSync Premium                                                                                                                                                                    | FreeSync Premium                                                                                                                                                                    | FreeSync Premium                                                                                                                                                                    |
|               | HGiG                                                   | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 | Yes                                                                                                                                                                                 |
|               | Gaming Hub                                             | Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)                                                                                                                                    | Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)                                                                                                                                    | Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)                                                                                                                                    | Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)                                                                                                                                    |

|                    |                                                     | 55"                               | 65"                               | 75"                               | 85"                               |
|--------------------|-----------------------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Tuner/Broadcasting | Digital Broadcasting                                | DVB-T(T2 Ready)                   | DVB-T(T2 Ready)                   | DVB-T(T2 Ready)                   | DVB-T(T2 Ready)                   |
|                    | Analog Tuner                                        | Yes                               | Yes                               | Yes                               | Yes                               |
|                    | Data Broadcasting                                   | HbbTV 2.0.3                       | HbbTV 2.0.3                       | HbbTV 2.0.3                       | HbbTV 2.0.3                       |
| Connectivity       | Wi-Fi                                               | Yes (Wi-Fi 5)                     | Yes (Wi-Fi 5)                     | Yes (Wi-Fi 5)                     | Yes (Wi-Fi 5)                     |
|                    | Bluetooth                                           | Yes (BT5.2)                       | Yes (BT5.2)                       | Yes (BT5.2)                       | Yes (BT5.2)                       |
|                    | HDMI                                                | 4                                 | 4                                 | 4                                 | 4                                 |
|                    | HDMI Maximum Input Rate                             | 4K 120Hz (for HDMI 1/2/3/4)       | 4K 120Hz (for HDMI 1/2/3/4)       | 4K 120Hz (for HDMI 1/2/3/4)       | 4K 120Hz (for HDMI 1/2/3/4)       |
|                    | HDMI Audio Return Channel                           | eARC                              | eARC                              | eARC                              | eARC                              |
|                    | Anynet+ (HDMI-CEC)                                  | Yes                               | Yes                               | Yes                               | Yes                               |
|                    | USB                                                 | 2 x USB-A                         | 2 x USB-A                         | 2 x USB-A                         | 2 x USB-A                         |
|                    | POGO (SlimFit Cam Only)                             | N/A                               | N/A                               | N/A                               | N/A                               |
|                    | Ethernet (LAN)                                      | 1                                 | 1                                 | 1                                 | 1                                 |
|                    | Audio Out (Mini Jack)                               | N/A                               | N/A                               | N/A                               | N/A                               |
|                    | Digital Audio Out (Optical)                         | 1                                 | 1                                 | 1                                 | 1                                 |
|                    | RF In (Terrestrial / Cable input / Satellite input) | 1/1(Common Use for Terrestrial)/0 | 1/1(Common Use for Terrestrial)/0 | 1/1(Common Use for Terrestrial)/0 | 1/1(Common Use for Terrestrial)/0 |
|                    | Ex-Link ( RS-232C )                                 | N/A                               | N/A                               | N/A                               | N/A                               |
| Design             | Design                                              | AirSlim                           | AirSlim                           | AirSlim                           | AirSlim                           |
|                    | Bezel Type                                          | 3 Bezel-less                      | 3 Bezel-less                      | 3 Bezel-less                      | 3 Bezel-less                      |
|                    | Slim Type                                           | Slim look                         | Slim look                         | Slim look                         | Slim look                         |
|                    | Front Colour                                        | TITAN GRAY                        | TITAN GRAY                        | TITAN GRAY                        | TITAN GRAY                        |
|                    | Stand Type                                          | NARROW NECK PLATE                 | NARROW NECK PLATE                 | NARROW NECK PLATE                 | NARROW NECK PLATE                 |
|                    | Stand Colour                                        | SAND BLACK                        | SAND BLACK                        | SAND BLACK                        | SAND BLACK                        |
| Additional Feature | Auto Rotation                                       | N/A                               | N/A                               | N/A                               | N/A                               |
|                    | Motion Detection                                    | N/A                               | N/A                               | N/A                               | N/A                               |
|                    | Knox Vault                                          | N/A                               | N/A                               | N/A                               | N/A                               |
|                    | Embedded POP                                        | Yes                               | Yes                               | Yes                               | Yes                               |
|                    | EPG                                                 | Yes                               | Yes                               | Yes                               | Yes                               |
|                    | Extended PVR                                        | Yes                               | Yes                               | Yes                               | Yes                               |
|                    | IP Control                                          | Yes                               | Yes                               | Yes                               | Yes                               |
|                    | OSD Language                                        | Local Languages                   | Local Languages                   | Local Languages                   | Local Languages                   |

|                      |                                        | 55"                                                                                                                      | 65"                                                                                                                      | 75"                                                                                                                      | 85"                                                                                                                      |
|----------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Accessibility        | Voice Guide                            | AU English, China Chinese, Korean, France French, Italian, German, Spain Spanish, Malay                                  | AU English, China Chinese, Korean, France French, Italian, German, Spain Spanish, Malay                                  | AU English, China Chinese, Korean, France French, Italian, German, Spain Spanish, Malay                                  | AU English, China Chinese, Korean, France French, Italian, German, Spain Spanish, Malay                                  |
|                      | Low Vision Support                     | Magnification, Audio Description, Zoom Menu and Text, High Contrast, SeeColors, Colour Inversion, Grayscale, Picture Off | Magnification, Audio Description, Zoom Menu and Text, High Contrast, SeeColors, Colour Inversion, Grayscale, Picture Off | Magnification, Audio Description, Zoom Menu and Text, High Contrast, SeeColors, Colour Inversion, Grayscale, Picture Off | Magnification, Audio Description, Zoom Menu and Text, High Contrast, SeeColors, Colour Inversion, Grayscale, Picture Off |
|                      | Hearing Impaired Support               | Closed Caption (Subtitle), Multi-output Audio, Sign Language Zoom                                                        | Closed Caption (Subtitle), Multi-output Audio, Sign Language Zoom                                                        | Closed Caption (Subtitle), Multi-output Audio, Sign Language Zoom                                                        | Closed Caption (Subtitle), Multi-output Audio, Sign Language Zoom                                                        |
|                      | Motor Impaired Support                 | Slow Button Repeat, Remote Control App. for All                                                                          | Slow Button Repeat, Remote Control App. for All                                                                          | Slow Button Repeat, Remote Control App. for All                                                                          | Slow Button Repeat, Remote Control App. for All                                                                          |
| Power & Eco Solution | Power Supply                           | AC220-240V~ 50/60Hz                                                                                                      | AC220-240V~ 50/60Hz                                                                                                      | AC220-240V~ 50/60Hz                                                                                                      | AC220-240V~ 50/60Hz                                                                                                      |
|                      | Power Consumption (Max)                | 205 W                                                                                                                    | 245 W                                                                                                                    | 320 W                                                                                                                    | 355 W                                                                                                                    |
|                      | Power Consumption (Stand-by)           | 0.5 W                                                                                                                    | 0.5 W                                                                                                                    | 0.5 W                                                                                                                    | 0.5 W                                                                                                                    |
|                      | Power Consumption (Energy Saving Mode) | N/A                                                                                                                      | N/A                                                                                                                      | N/A                                                                                                                      | N/A                                                                                                                      |
|                      | Power Consumption (Typical)            | 108.0 W                                                                                                                  | 142.0 W                                                                                                                  | 157.0 W                                                                                                                  | 200.0 W                                                                                                                  |
|                      | Yearly Power Consumption (EU standard) | 397 kWh                                                                                                                  | 521 kWh                                                                                                                  | 576 kWh                                                                                                                  | 733 kWh                                                                                                                  |
|                      | Eco Sensor                             | Yes                                                                                                                      | Yes                                                                                                                      | Yes                                                                                                                      | Yes                                                                                                                      |
|                      | Auto Power Saving                      | Yes                                                                                                                      | Yes                                                                                                                      | Yes                                                                                                                      | Yes                                                                                                                      |
|                      | Energy Efficiency Class                | 4                                                                                                                        | 4                                                                                                                        | 5                                                                                                                        | 5                                                                                                                        |
|                      | Auto Power Off                         | Yes                                                                                                                      | Yes                                                                                                                      | Yes                                                                                                                      | Yes                                                                                                                      |
| Dimension            | Package Size (WxHxD)                   | 1424 x 846 x 191 mm                                                                                                      | 1623 x 950 x 205 mm                                                                                                      | 1834 x 1144 x 222 mm                                                                                                     | 2075 x 1266 x 251 mm                                                                                                     |
|                      | Set Size with Stand (WxHxD)            | 1232.9 x 778.3 x 246.5 mm                                                                                                | 1451.7 x 900.4 x 285.6 mm                                                                                                | 1677.5 x 1030.6 x 320.6 mm                                                                                               | 1901.7 x 1156.3 x 335.8 mm                                                                                               |
|                      | Set Size without Stand (WxHxD)         | 1232.9 x 708.7 x 25.7 mm                                                                                                 | 1451.7 x 831.8 x 25.7 mm                                                                                                 | 1677.5 x 960.2 x 26.6 mm                                                                                                 | 1901.7 x 1086.1 x 26.9 mm                                                                                                |
|                      | Stand (Basic) (WxD)                    | 290 x 246.5 mm                                                                                                           | 320 x 285.6 mm                                                                                                           | 350 x 320.6 mm                                                                                                           | 380 x 335.8 mm                                                                                                           |
|                      | Stand (Minimum) (WxD)                  | N/A                                                                                                                      | N/A                                                                                                                      | N/A                                                                                                                      | N/A                                                                                                                      |
|                      | VESA Spec                              | 200 x 200 mm                                                                                                             | 400 x 300 mm                                                                                                             | 400 x 400 mm                                                                                                             | 600 x 400 mm                                                                                                             |
| Weight               | Package Weight                         | 24.6 kg                                                                                                                  | 31.3 kg                                                                                                                  | 52.3 kg                                                                                                                  | 63.7 kg                                                                                                                  |
|                      | Set Weight with Stand                  | 18.4 kg                                                                                                                  | 24.3 kg                                                                                                                  | 38.6 kg                                                                                                                  | 50.9 kg                                                                                                                  |
|                      | Set Weight without Stand               | 16.1 kg                                                                                                                  | 21.4 kg                                                                                                                  | 33.4 kg                                                                                                                  | 43.8 kg                                                                                                                  |

| Accessory |                                           | 55"      | 65"      | 75"      | 85"      |
|-----------|-------------------------------------------|----------|----------|----------|----------|
|           | Remote Controller Model                   | TM2360E  | TM2360E  | TM2360E  | TM2360E  |
|           | Slim Fit Wall-mount Support               | Yes      | Yes      | Yes      | Yes      |
|           | Studio Stand Support                      | Yes      | Yes      | N/A      | N/A      |
|           | Auto-Rotation Accessory Support           | N/A      | N/A      | N/A      | N/A      |
|           | Full Motion Slim Wall Mount Support (Y22) | Yes      | Yes      | Yes      | Yes      |
|           | SlimFit Cam Support                       | Yes      | Yes      | Yes      | Yes      |
|           | Zigbee / Thread Module                    | Built-In | Built-In | Built-In | Built-In |
|           | User Manual                               | Yes      | Yes      | Yes      | Yes      |
|           | Power Cable                               | Yes      | Yes      | Yes      | Yes      |