## SAMSUNG

## S90C - OLED 4K Smart TV (2023)

Experience the Wow difference of Samsung OLED



55", 65", 77"

## **Top Features**

Samsung OLED Technology	With over 8 million specially engineered self-illuminating pixels, contrast is breathtaking. At its best in-viewing settings with controlled lighting, colour and brightness is stunning and life-like with Samsung's QD-OLED pixels powered by Quantum Dot technology. <sup>1</sup>	
Quantum HDR OLED	The Quantum HDR OLED panel allows for HDR10+ content to reveal what you might have missed in particularly dark or light scenes, making them pop with breathtaking colour and contrast. $^{\rm 2}$	
Dolby Atmos	Lose yourself in the breathtaking realism of cinematic sound, right in your own home. Your Samsung TV features Dolby Atmos support to deliver larger-than-life audio experiences. <sup>3</sup>	
Object Tracking Sound Lite (OTS Lite)	Object Tracking Sound Lite uses AI and the TVs bottom speakers to simulate a 3D audio experience which appears to track the action on Screen. <sup>4</sup>	

- 1 Picture quality may vary depending on quality and resolution of source content and viewing conditions. 2 Source content must be HDR1D+ format. The Range of Quantum HDR claims luminance based on internal testing standards and is subject to change according to viewing environment or specific conditions.
- 3 Source content must be Dolby Atmos® enabled for Dolby Atmos® playback.
- 4 The quality of sound effects may vary depending on the source content, installation and environmental characteristics (e.g.ceiling).

Autor         Mark lingth         Description         Mark lingth         Description           Diskly         Street Size         55         45         77           Readers         3.86 v.2 Mo         3.86 v.2 Mo         3.86 v.2 Mo         3.86 v.2 Mo           Markel Readers         3.86 v.2 Mo         3.86 v.2 Mo         3.86 v.2 Mo         3.86 v.2 Mo           Markel Readers         3.86 v.2 Mo         Nauer Elements         4.86 v.2 Mo         3.86 v.2 Mo           View         Restarting film         Nauer Elements         Nauer Elements         6.80 v.2 Mo         3.86 v.2 Mo <th>Product</th> <th>Product Category</th> <th><b>55"</b> OLED</th> <th><b>65"</b> OLED</th> <th><b>77"</b> OLED</th>	Product	Product Category	<b>55"</b> OLED	<b>65"</b> OLED	<b>77"</b> OLED
Data         Screed Size         Si         Origination         Procession of the second s					
Numbure         No.         No.         No.           Mechanismi         3.5012,100         3.8012,200         3.00         2.00           Mains hise         2.00         2.00         2.00           Mains hise         2.00         2.00         2.00           Mains hise         2.00         2.00         2.00         2.00           Mains hise         2.00         2.00         2.00         2.00         2.00           Mains hise         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00		Model Number	QASSSOCAWAAT	QA65S90CAWXXY	QA77590CAWXXY
Numbure         No.         No.         No.           Mechanismi         3.5012,100         3.8012,200         3.00         2.00           Mains hise         2.00         2.00         2.00           Mains hise         2.00         2.00         2.00           Mains hise         2.00         2.00         2.00         2.00           Mains hise         2.00         2.00         2.00         2.00         2.00           Mains hise         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00	Display				
Motion is a constrained of the constrained of t					
Kalingtion         Yes         Yes         Yes           Vice         Rescription         Rescri					
Vide         Reture Spring         Neural Question Processor & View					
Autor Engine         Neural Quantum Incessor 44         Neural Quantum Incessor 44         Neural Quantum Incessor 44           In englistic oblams         Vis         Vis         Vis         Vis           IRER High Engine         Quantum HBD QLDD         Quantum HBD QLDD         Quantum HBD QLDD         Quantum HBD QLDD           IRER High Engine         Vis		Anti Reflection	Yes	Yes	Yes
Autor Engine         Neural Quantum Incessor 44         Neural Quantum Incessor 44         Neural Quantum Incessor 44           In englistic oblams         Vis         Vis         Vis         Vis           IRER High Engine         Quantum HBD QLDD         Quantum HBD QLDD         Quantum HBD QLDD         Quantum HBD QLDD           IRER High Engine         Vis	Video				
MRIP     Maximum HDR MDD     Quantum HDR MDD     Quantum HDR MDD       HDR ND     Vis (ADAPTYC CAMING)     Vis (ADAPTYC CAMING)     Vis (ADAPTYC CAMING)       HDC ND     Vis (ADAPTYC CAMING)     Vis (ADAPTYC CAMING)     Vis (ADAPTYC CAMING)       HDC ND     Vis (ADAPTYC CAMING)     Vis (ADAPTYC CAMING)     Vis (ADAPTYC CAMING)       HDC ND     Vis (ADAPTYC CAMING)     Vis (ADAPTYC CAMING)     Vis (ADAPTYC CAMING)       HDC ND     Sch-Hallministic True ND ND     Sch-Hallministic True ND ND     Sch-Hallministic True ND ND       Mice DD ND     NA     NA     NA     NA       Mice DD ND     NA     NA     NA     NA       Mice DD ND     Vis (MCH DD ND)     Vis (MCH DD ND)     NA     NA       Sine Licitudio     Vis (MCH DD ND)     NA     NA     NA       Sine Licitudio     Na     NA     NA     NA       Mice DD ND ADS     Yes (MCH DD ND)     NA     NA       Sine Licitudio     Na     NA     NA       Mice DD ND ADS     Yes (MCH DD ND)     NA     NA       Mice DD ND ADS     Yes (MCH DD ND)     NA     NA       Mice DD ND ADS     Yes (MCH DD ND)     NA     NA       Mice DD ND ADS     Mice DD ND ADS     Mice DD ND ADS       Biolyton Sing Sand     OIS	VICEO	Picture Engine	Neural Quantum Processor 4K	Neural Quantum Processor 4K	Neural Quantum Processor 4K
HBR 10         Yes (ADATINE/ GAMING)         Yes (ADATINE/ GAMING)         Yes (ADATINE/ GAMING)           HCR 10         Yes         Yes         Yes           Contrast         Self-Illuminating res Ray insis           Contrast         Galar         Preceptional Colour Mapping         Self-Illuminating res Ray insis         Self-Illuminating res Ray insis         Preceptional Colour Mapping           Viewing Angle         Unta Viewing Angle         Unta Viewing Angle         Unta Viewing Angle         Preceptional Colour Mapping           Micro Dimming         NA         NA         NA         NA           Contrast Difference         Real Depth Enhancer         Real Depth Enhancer         Real Depth Enhancer           Real Caluration         Yes         Yes         Yes         Yes           Contrast         Real         Real         Na         Na           Seart Caluration         Yes         Yes         Yes         Yes           Contrast         Real         Real         Real         Real         Real           Contrast         Real         Yes         Yes         Yes         Yes         Yes		One Billion Colours	Yes	Yes	
McBulphiting dammal         Yes         Yes         Yes           Context         Self-illuminating und sclapping         Self-illuminating und sclapping         Self-illuminating und sclapping           Colum         Self-illuminating und sclapping         Functional Colum Mapping         Functional Colum Mapping           Mcing Daming         Uitra Versing Angle         Functional Colum Mapping         Functional Colum Mapping           Mcing Daming         NA         NA         NA           Contrast Enhancer         Real Depth Enhancer         Real Depth Enhancer         Real Depth Enhancer           Self Colume         NA         NA         NA         NA           Contrast Enhancer         Real Depth Enhancer         Real Depth Enhancer         Real Depth Enhancer           All Social         NA         NA         NA         NA           All Social         NA         NA         NA           All Social         NA         NA         NA           All Social         Yes         Yes         Yes           Baltarian Social         Yes         Yes         Yes           Baltarian Social         Social         Social         Social           Social Colum Detector         Propresocial         Social         Social		HDR (High Dynamic Range)	Quantum HDR OLED	Quantum HDR OLED	
Contract         Self-Illuminating true RGB pixel Perceptional Colour Mapping Uter Version Angleing Wereing Angle         Self-Illuminating true RGB pixel Perceptional Colour Mapping Uter Version Angleing Wereing Angle         Self-Illuminating true RGB pixel Perceptional Colour Mapping Uter Version Angleing Wereing Angle         Self-Illuminating true RGB pixel Perceptional Colour Mapping Uter Version Angleing Wereing Angle         Self-Illuminating true RGB pixel Perceptional Colour Mapping Uter Version Angleing Perceptional Colour Mapping Uter Version Angleing Perceptional Colour Mapping Perceptional Colour Mapping Percepti		HDR 10+	Yes (ADAPTIVE/ GAMING)	Yes (ADAPTIVE/ GAMING)	Yes (ADAPTIVE/ GAMING)
Color         Perceptional Color Mapping Utter Viewing Angle         Perceptional Color Mapping Perceptional Color Mapping           Kind Color Mapping Utter Viewing Angle         Real Deptil Enhancer         Real Deptil Enhancer         Real Deptil Enhancer           Kind Color Mapping Utter Viewing Angle         Yes         Yes         Yes         Yes           Color Detection         Brightensex/Color Detection         Brightensex/Color Detection         Brightensex/Color Detection         Hers           Object Tracking Sound         OTS Line         OTS Line         OTS Line         OTS Line           Object Tracking Sound         OTS Line         OTS Line         OTS Line         OTS Line           Sound Ottpet.HMS         Affers         Yes         Yes         Yes           Sound Ottpet.HMS         Affers         Yes         Yes         Yes           Sound Ottpet.HMS         Affers		HLG (Hybrid Log Gamma)	Yes	Yes	Yes
Newiop Angle         Uttra Viewiop Angle         Uttra Viewiop Angle         Uttra Viewiop Angle           NA         N/A         N/A         N/A           Kinero Dimming         Rust Deptic Inhancer         Real Deptit Inhancer         Real Deptit Inhancer           Noise Reduction         Yes         Yes         Yes           Expert Calibration         Noise Reduction         Real Ceptit Inhancer         Real Ceptit Inhancer           Auge Calibration         Noise Reduction         Noise Reduction         Noise Reduction         Noise Reduction           Smart Calibration         Basic         Basic         Basic         Basic           Smart Calibration         Basic         Resi         Yes         Yes           Smart Calibration         Basic         Resi         Yes         Yes           Smart Calibration         Yes         Yes         Yes         Yes           Sightness/Color Detection         Bightness/Color Detection         Bightness/Color Detection         Of Stare           Bubly Atmis         Yes         Yes         Yes         Yes           Object Tracking Stored         Of Stare         Of Stare         Yes           Sand Output (RMS)         40W         40W         40W           Attive Vick		Contrast	Self-illuminating true RGB pixels	Self-illuminating true RGB pixels	Self-illuminating true RGB pixels
Mace Dimming         N/A         NA           Real Degrit Enhance:         Real Degrit Enhance:         Real Degrit Enhance:         Real Degrit Enhance:           None Methodicition         Yes         Yes         Yes           Equipation         NA         NA         NA           Equipation         NA         NA         NA           Equipation         NA         NA         NA           Statistication         Na         Na         Na           Aufor         Na         Na         Na           Aufor         Yes         Yes         Yes           Dipytamos         Yes         Yes         Yes           ObjectTrackingSound         NSE         NSE         MSE           ObjectTrackingSound         Yes         Yes         Yes           Midritron Unick         Yes         Yes         Yes           Nadourbut (MSS)         Yes         Yes         Yes      <					
Contrast Enhancer         Real Depth Enhancer         Real Depth Enhancer         Real Depth Enhancer           Noise Reduction         Yes         Yes         Yes           Lipert Calibration         NAA         N/A         N/A           Expert Calibration         Basic         Basic         Basic           Autor         Yes         Yes         Yes           Filmmaker Mode         Yes         Yes         Yes           Bolty Atmos         Yes         Yes         Yes           Object Tracking Sound         OTS Lite         OTS Lite         OTS Lite           Object Tracking Sound         OTS Lite         OTS Lite         OTS Lite           Object Tracking Sound         OTS Lite         OTS Lite         OTS Lite           Object Tracking Sound         OTS Lite         OTS Lite         Yes           Object Tracking Sound         Yes         Yes         Yes           Sound Output Lifthy)         Yes         Yes         Yes <t< th=""><th></th><th></th><th></th><th></th><th></th></t<>					
Noise Reduction         Noise         Noise         Noise           Film Mode         Noise         Noise         Noise           Exert Calibration         Noise         Basic         Basic         Basic           Smart Calibration         Basic         Basic         Basic         Basic           A Upscale         Yes         Yes         Yes         Yes           Bightness/Colour Detection         Bightness/Colour Detection         Bightness/Colour Detection         Bightness/Colour Detection         Discription           Object Tracking Sound         Yes         Yes         Yes         Yes           Colour Jointon         Yes         Yes         Yes         Yes           Gover         Yes         Yes         Yes         Yes           Gover         Yes         Yes         Yes         Yes           Houtoot Suport Bluetooth         Yes         Yes					
Film Mode         Yes         Yes         Yes           Expert Calibration         N/A         N/A         N/A           Allyscale         Basic         Basic         Basic         Basic           Allyscale         Yes         Yes         Yes         Yes           Immaker Mode         Yes         Yes         Yes         Yes           Bightnes/Colour Detection         Bightnes/Colour Detection         Brightnes/Colour Detection         Brightnes/Colour Detection         Brightnes/Colour Detection         Brightnes/Colour Detection           Aution         Colour Jetection         Yes         Yes         Yes         Yes           Colour Jetection         Yes         Yes         Yes         Yes         Yes           Colour Jetection         Yes         Yes </th <th></th> <th></th> <th></th> <th></th> <th></th>					
Expert Calibration         NA         NA           Smart Calibration         Basic         Basic         Basic           Alloscale         Yes         Yes         Yes           Bightness/Colour Detection         Brightness/Colour Detection         Brightness/Colour Detection         Brightness/Colour Detection           Aution         Bightness/Colour Detection         Brightness/Colour Detection         Yes         Yes           Aution         Bightness/Colour Detection         Displatmos         OTS Lite         OTS Lite         OTS Lite           Object Tracking Sound         OTS Lite         OTS Lite         OTS Lite         OTS Lite           Object Tracking Sound Output (MS)         AdV         AdV         AdV           Spacier Type         Yes         Yes         Yes           Component         Yes         Yes         Yes           Goord Output (MS)         AdV         AdV         AdV           Goord Output (MS)         AdV         Yes         Yes           Bluetooth Aution         Yes         Yes         Yes           Bluetooth Aution         Yes         Yes         Yes           Bluetooth Aution         Yes         Yes         Yes           Bluetooth Autore Asstant					
Smart Calibration         Basic         Basic         Basic         Basic           Al Upscale         Yes         Yes         Yes         Yes           Bindmask Mode         Bridtmess(Colur Detection         Bridtmess(Colur Detection         Yes         Yes           Basic         Bridtmess         Yes         Yes         Yes         Yes           Basic         Bridtmess         Yes         Yes         Yes         Yes           Basic         Start Calibration         Mile         Mile         Mile         Mile           Aution         Press         Yes         Yes         Yes         Yes         Yes           Basic Calibration         Mile         Yes					
Alipscile         Yes         Yes           Filmmaker Mode         Yes         Yes         Yes           Bightness/Colour Detection         Bightness/Colour Detection         Bightness/Colour Detection         Bightness/Colour Detection           Audio         Diby Atmos         Yes         Yes         Yes           Diby Atmos         Yes         Yes         Yes           Object Tacking Sound         OTS Lite         OTS Lite         OTS Lite           Object Tacking Sound         OTS Lite         OTS Lite         OTS Lite           Object Tacking Sound         OTS Lite         OTS Lite         OTS Lite           Object Tacking Sound Otsput (RNS)         Yes         Yes         Yes           Sound Otsput (RNS)         Yes         Yes         Yes           Verifier         Yes         Yes         Yes           Uncorer         Yes         Yes         Yes           Alioto Voice Amplifier         Yes         Yes         Yes           Adaptive Sound         Yes					
Filmmaker Mode     Yes     Yes     Yes       bightness/Colour Detection     Bightness/Colour Detection     Bightness/Colour Detection     Bightness/Colour Detection       Audio     Doby Atmos     Yes     Yes     Yes       Doby Atmos     O'S Lite     O'S Lite     O'S Lite       Doby Atmos     O'S Lite     O'S Lite     O'S Lite       Doby Digital Plus     MS125.1ch     MS125.1ch     MS125.1ch       Q-Symphony     Yes     Yes     Yes       Mutricom Link     Yes     Yes     Yes       Adaptive Sound     Adaptive Sound+     Adaptive Sound+     Adaptive Sound+       Adaptive Sound     Yes     Yes     Yes       Budy Adaptive Sound+     Yes     Yes     Yes       Adaptive Sound+     Yes     Yes     Yes       Budy Adaptive Sound+     Yes     Yes     Yes					
Bightness/Colour Detection         Brightness/Colour Detection         Brightness/Colour Detection         Brightness/Colour Detection           Addio         Doby Atmos         Yes         Yes         Yes           Doby Optical Plus         Office         Yes         Yes         Yes           Doby Optical Plus         Office         Office         Yes         Yes         Yes           Object Tracking Sound         MS12 Sch         MS12 Sch         MS12 Sch         MS12 Sch         Yes         Yes<					
Addia         Nois         Yes         Yes         Yes           Dolby Atmos         OTS Lite         OTS Lite         OTS Lite         OTS Lite           Dolby Otmos         OTS Lite         OTS Lite         OTS Lite         OTS Lite           Dolby Otmos         MS12 5.tch         MS12 5.tch         MS12 5.tch         MS12 5.tch           Q-Symphony         Yes         Yes         Yes         Yes           Sound Output (RMS)         AdW         AdW         AdW           Speaker Type         2.1CH         2.1CH         2.1CH           Woofer         Yes         Yes         Yes           Multitoon Link         Yes         Yes         Yes           Active Voice Amplifier         Yes         Yes         Yes           Adaptive Sound         Adaptive Sound+         Adaptive Sound+         Adaptive Sound+           Dual Audio Support (Bluetooth)         Yes         Yes         Yes           Dual Audio Support (Bluetooth         Yes         Yes         Yes           Dual Audio Support (Bluetooth         Yes         Yes         Yes           Bible 'n Voice Assistant         Alexa         Alexa         Alexa           Operating System         Tizen <sup>M</sup> Smart TV <th></th> <td></td> <td></td> <td></td> <td></td>					
Smart Service         Dolby Atmos         Yes         Yes           Dolby Digita Plus         OTS Lite         OTS Lite         OTS Lite           Dolby Digita Plus         MSI2 5.tch         MSI2 5.tch         MSI2 5.tch           O-Symphony         Yes         Yes         Yes           Sound Output (RMS)         40W         40W         40W           Speaker Type         2.1CH         2.1CH         2.1CH           Woofer         Yes         Yes         Yes           Muttrioon Link         Yes         Yes         Yes           Bluetooth Audio         Yes         Yes         Yes           Adaptive Sound         Adaptive Sound+         Adaptive Sound+         Adaptive Sound+           Dual Audio Support (Bluetooth)         Yes         Yes         Yes           Buids Auto Switch         Yes         Yes         Yes           Bixby         Yes         Yes         Yes           Built-In Voice Assistant         Alexa, Coogle Assistant         Alexa, Coogle Assistant           Gerating System         Tizen <sup>Min</sup> Smart TV         Tizen <sup>Min</sup> Smart TV         Yes           Built-In Voice Assistant         Alexa, Coogle Assistant         Alexa, Coogle Assistant         Alexa, Coogle Assistant </td <th></th> <td>Brightness/Colour Detection</td> <td>Brightness/Colour Detection</td> <td>Brightness/Colour Detection</td> <td>Brightness/Colour Detection</td>		Brightness/Colour Detection	Brightness/Colour Detection	Brightness/Colour Detection	Brightness/Colour Detection
Smart Service         Dolby Atmos         Yes         Yes           Dolby Digita Plus         OTS Lite         OTS Lite         OTS Lite           Dolby Digita Plus         MSI2 5.tch         MSI2 5.tch         MSI2 5.tch           O-Symphony         Yes         Yes         Yes           Sound Output (RMS)         40W         40W         40W           Speaker Type         2.1CH         2.1CH         2.1CH           Woofer         Yes         Yes         Yes           Muttrioon Link         Yes         Yes         Yes           Bluetooth Audio         Yes         Yes         Yes           Adaptive Sound         Adaptive Sound+         Adaptive Sound+         Adaptive Sound+           Dual Audio Support (Bluetooth)         Yes         Yes         Yes           Buids Auto Switch         Yes         Yes         Yes           Bixby         Yes         Yes         Yes           Built-In Voice Assistant         Alexa, Coogle Assistant         Alexa, Coogle Assistant           Gerating System         Tizen <sup>Min</sup> Smart TV         Tizen <sup>Min</sup> Smart TV         Yes           Built-In Voice Assistant         Alexa, Coogle Assistant         Alexa, Coogle Assistant         Alexa, Coogle Assistant </td <th>Audia</th> <td></td> <td></td> <td></td> <td></td>	Audia				
Part Service         Deby Digital Plus         MS12 5.th         MS12 5.th         MS12 5.th           Q-Symphony         Yes         Yes         Yes         Yes           Sound Output (RMS)         400W         400W         40W           Speaker Type         2.1CH         2.1CH         2.1CH           Woofer         Yes         Yes         Yes           Multiroon Link         Yes         Yes         Yes           Buetooth Audio         Yes         Yes         Yes           Adaptive Sound         Adaptive Sound+         Adaptive Sound+         Adaptive Sound+           Adaptive Sound (Bluetooth)         Yes         Yes         Yes           Buds Audio Support (Bluetooth)         Yes         Yes         Yes           Buds Audio Support (Bluetooth)         Yes         Yes         Yes           Buds Audio Support (Bluetooth)         Yes         Yes         Yes           Bubby         Yes         Yes         Yes         Yes           Bubby         Yes         Yes         Yes         Yes           Bubt- York Saistant         Alexa, Google Assistant         Alexa, Google Assistant         Alexa, Google Assistant           Moriswit Al Speaker         Yes	Audio	Dolby Atmos	Yes	Yes	Yes
Smart Service         Or-Symphony         Yes         Yes         Yes           Sound Output (RMS)         40W         40W         40W           Speaker Type         2.1CH         2.1CH         2.1CH           Woofer         Yes         Yes         Yes           Muttroom Link         Yes         Yes         Yes           Bluetooth Audio         Yes         Yes         Yes           Active Voice Amplifier         Yes         Yes         Yes           Dual Audio Support (Bluetooth)         Yes         Yes         Yes           Buds Auto Switch         Yes         Yes         Yes           Harty Hoice Assistant         Alexa         Alexa         Alexa           Korks with Al Speaker         Alexa, Google Assistant         Alexa, Google Assistant         Alexa, Google Assistant           Korks with Al Speaker         Yes         Yes         Yes         Yes           Yes Browser, Functionality         Yes         Yes         Yes           Yes Browser, Functi		Object Tracking Sound	OTS Lite	OTS Lite	OTS Lite
Sound Output (RMS)         40W         40W         40W           Speaker Type         2.1CH         2.1CH         2.1CH           Woofer         Yes         Yes         Yes           Multroom Link         Yes         Yes         Yes           Multroom Link         Yes         Yes         Yes           Adaptive Sound Audio         Yes         Yes         Yes           Adaptive Sound Audio Support (Bluetooth)         Yes         Yes         Yes           Smart Service         Operating System         Tizen <sup>IM</sup> Smart TV         Tizen <sup>IM</sup> Smart TV         Tizen <sup>IM</sup> Smart TV           Shyby         Yes         Yes         Yes         Yes           Bult-in Voice Assistant         Alexa         Alexa         Alexa           Norks with Al Speaker         Alexa         Alexa         Alexa           Works with Al Speaker         Alexa         Alexa         Alexa           Morks with Al Speaker         Alexa         Alexa         Yes         Yes           Bult-in Voice Assistant         Alexa, Google Assistant         Yes           Wo Browser		Dolby Digital Plus	MS12 5.1ch	MS12 5.1ch	MS12 5.1ch
Speaker Type         2.1CH         2.1CH         2.1CH         2.1CH           Woofer         Yes         Yes         Yes           Muttroom Link         Yes         Yes         Yes           Bluetooth Audio         Yes         Yes         Yes           Active Voice Amplifier         Yes         Yes         Yes           Adaptive Sound         Adaptive Sound+         Adaptive Sound+         Adaptive Sound+           Dual Audio Support (Bluetooth)         Yes         Yes         Yes           Smart Service         Operating System         Tizen* Smart TV         Tizen* Smart TV         Tizen* Smart TV           Smart Service         Operating System         Alexa, Google Assistant         Alexa, Google Assistant         Alexa, Google Assistant           Key Browser         Keys         Yes         Yes         Yes           Works with Al Speaker         Alexa, Google Assistant         Alexa, Google Assistant         Alexa, Google Assistant           Web Browser         Yes         Yes         Yes         Yes           Web Browser         Yes         Yes         Yes           Yes         Yes         Yes         Yes           Yeb Rrowser         Yes         Yes         Yes <th></th> <th>Q-Symphony</th> <th>Yes</th> <th>Yes</th> <th>Yes</th>		Q-Symphony	Yes	Yes	Yes
Wofer         Yes         Yes           Multrom Link         Yes         Yes         Yes           Buetoth Audio         Yes         Yes         Yes           Active Voice Amplifier         Yes         Yes         Yes           Adaptive Sound         Adaptive Sound+         Adaptive Sound+         Adaptive Sound+           Adaptive Sound         Adaptive Sound+         Yes         Yes           Dual Audio Support (Bluetooth)         Yes         Yes         Yes           Buds Auto Switch         Yes         Yes         Yes           Yes         Yes         Yes         Yes           Bixby         Yes         Yes         Yes           Bixby         Yes         Yes         Yes           Bixby         Yes         Yes         Yes           Bixby         Yes         Yes         Yes           Par-Field Voice Interaction         Yes         Yes         Yes           Built-in Voice Assistant         Alexa, Google Assistant         Alexa, Google Assistant         Alexa, Google Assistant           Wofk with Al Speaker         Yes         Yes         Yes         Yes         Yes           Web Browser         Yes         Yes         Yes		Sound Output (RMS)	40W	40W	40W
Multiroom Link     Yes     Yes       Bluetooth Audio     Yes     Yes       Active Voice Amplifier     Yes     Yes       Adaptive Sound     Adaptive Sound+     Adaptive Sound+       Adaptive Sound     Yes     Yes       Dual Audio Support (Bluetooth)     Yes     Yes       Buds Auto Switch     Yes     Yes       Persting System     Tizen <sup>IM</sup> Smart TV     Tizen <sup>IM</sup> Smart TV       Bixby     Yes     Yes       Far-Field Voice Interaction     Yes     Yes       Built-in Voice Assistant     Alexa, Google Assistant     Alexa, Google Assistant       Alexa, Google Assistant     Alexa, Google Assistant     Alexa, Google Assistant       Samsung TV Plus     Yes     Yes       Web Browser     Yes     Yes       Web Browser     Yes     Yes       Yes     Yes     Yes       Yes     Yes     Yes		Speaker Type	2.1CH	2.1CH	2.1CH
Bluetont Audio         Yes         Yes           Active Voice Amplifier         Yes         Yes         Yes           Adaptive Sound         Adaptive Sound+         Adaptive Sound+         Adaptive Sound+           Dual Audio Support (Bluetonth)         Yes         Yes         Yes           Buds Auto Switch         Yes         Yes         Yes           Yes         Yes         Yes         Yes           Porrating System         Tizen <sup>M</sup> Smart TV         Tizen <sup>M</sup> Smart TV         Tizen <sup>M</sup> Smart TV           Bixby         Yes         Yes         Yes         Yes           Bixby         Yes         Yes         Yes         Yes           It in Voice Assistant         Alexa         Alexa         Alexa         Alexa           Works with Al Speaker         Yes         Yes         Yes         Yes           We Bornswer         Yes         Yes         Yes         Yes         Yes           We Bornswer         Yes         Yes         Yes         Yes         Yes		Woofer	Yes	Yes	Yes
Active Voice Amplifier     Yes     Yes     Yes       Adaptive Sound     Adaptive Sound+     Adaptive Sound+     Adaptive Sound+       Dual Audio Support (Bluetooth)     Yes     Yes     Yes       Buds Auto Switch     Yes     Yes     Yes       Yes     Yes     Yes     Yes       Operating System     Tizen <sup>M</sup> Smart TV     Tizen <sup>M</sup> Smart TV     Tizen <sup>M</sup> Smart TV       Bixby     Yes     Yes     Yes       Far-Field Voice Interaction     Yes     Yes     Yes       Bilit-in Voice Assistant     Alexa     Alexa     Alexa       Works with Al Speaker     Yes     Yes     Yes       Yeb Browser     Yes     Yes     Yes     Yes       Web Browser     Yes     Yes     Yes     Yes       Yeb Smort Stription     Yes     Yes     Yes     Yes		Multiroom Link	Yes	Yes	Yes
Adaptive Sound     Adaptive Sound+     Adaptive Sound+     Adaptive Sound+       Dual Audio Support (Bluetooth)     Yes     Yes     Yes       Buds Auto Switch     Yes     Yes     Yes       Operating System     Tizen <sup>1</sup> Smart TV     Tizen <sup>1</sup> Smart TV     Tizen <sup>1</sup> Smart TV       Bixby     Yes     Yes     Yes       Par-Field Voice Interaction     Yes     Yes     Yes       Built-in Voice Assistant     Alexa, Google Assistant     Alexa, Google Assistant     Alexa, Google Assistant       Veb Browser     Yes     Yes     Yes     Yes       Web Browser     Yes     Yes     Yes     Yes       Yes     Yes     Yes     Yes     Yes       Yes     Yes     Yes     Yes     Yes		Bluetooth Audio	Yes	Yes	Yes
Dual Audio Support (Bluetooth)     Yes     Yes     Yes       Buds Auto Switch     Yes     Yes     Yes       Smart Service     Operating System     Tizen <sup>1</sup> /Smart TV     Tizen <sup>1/S</sup> Smart TV     Tizen <sup>1/S</sup> Smart TV       Bixby     Yes     Yes     Yes       Works with Al Speaker     Alexa, Google Assistant     Alexa, Google Assistant     Alexa, Google Assistant       Samsung TV Plus     Yes     Yes     Yes     Yes       Web Browser     Yes     Yes     Yes     Yes       Web Browser     Yes     Yes     Yes     Yes       Functionality     Yes     Yes     Yes     Yes		Active Voice Amplifier	Yes	Yes	Yes
Buds Auto Switch     Yes     Yes     Yes       Smart Service     Operating System     Tizen <sup>1</sup> Smart TV     Tizen <sup>1</sup> Smart TV     Tizen <sup>1</sup> Smart TV       Bixby     Yes     Yes     Yes       Far-Field Voice Interaction     Yes     Yes     Yes       Built-In Voice Assistant     Alexa     Alexa     Alexa       Vorks with Al Speaker     Yes     Yes     Yes       Web Browser     Yes     Yes     Yes       Web Browser     Yes     Yes     Yes       Yes     Yes     Yes     Yes		Adaptive Sound	Adaptive Sound+	Adaptive Sound+	Adaptive Sound+
Smart Service     Operating System     Tizen <sup>1</sup> Smart TV     Tizen <sup>1</sup> Smart TV     Tizen <sup>1</sup> Smart TV       Bixby     Yes     Yes     Yes       Far-Field Voice Interaction     Yes     Yes     Yes       Built-in Voice Assistant     Alexa     Alexa     Alexa       Works with Al Speaker     Yes     Yes     Yes       Web Browser     Yes     Yes     Yes       Web Browser     Yes     Yes     Yes       Yes     Yes     Yes     Yes		Dual Audio Support (Bluetooth)	Yes	Yes	Yes
Operating SystemTizen M Smart TVTizen M Smart TVTizen M Smart TVBixbyYesYesYesFar-Field Voice InteractionYesYesYesBuilt-in Voice AssistantAlexaAlexaAlexaWorks with Al SpeakerAlexa, Google AssistantAlexa, Google AssistantAlexa, Google AssistantSamsung TV PlusYesYesYesWeb Browser SmartThings Hub / Matter Hub / IoT-Sensor FunctionalityYesYesYesYesYesYesYesYes		Buds Auto Switch	Yes	Yes	Yes
Operating SystemTizen M Smart TVTizen M Smart TVTizen M Smart TVBixbyYesYesYesFar-Field Voice InteractionYesYesYesBuilt-in Voice AssistantAlexaAlexaAlexaWorks with Al SpeakerAlexa, Google AssistantAlexa, Google AssistantAlexa, Google AssistantSamsung TV PlusYesYesYesWeb Browser SmartThings Hub / Matter Hub / IoT-Sensor FunctionalityYesYesYesYesYesYesYesYes	Smort Service				
Far-Field Voice InteractionYesYesYesBuilt-in Voice AssistantAlexaAlexaAlexaAlexaWorks with Al SpeakerAlexa, Google AssistantAlexa, Google AssistantAlexa, Google AssistantAlexa, Google AssistantSamsung TV PlusYesYesYesYesWob Browser SmartThings Hub / Matter Hub / IoT-Sensor FunctionalityYesYesYesYesYesYesYesYes	Smart Service	Operating System	Tizen™ Smart TV	Tizen™ Smart TV	Tizen™ Smart TV
Built-in Voice AssistantAlexaAlexaAlexaWorks with Al SpeakerAlexa, Google AssistantAlexa, Google AssistantAlexa, Google AssistantSamsung TV PlusYesYesYesWeb Browser SmartThings Hub / NoT-Sensor FunctionalityYesYesYesYesYesYesYes		Bixby	Yes	Yes	Yes
Works with Al SpeakerAlexa, Google AssistantAlexa, Google AssistantAlexa, Google AssistantSamsung TV PlusYesYesYesWeb BrowserYesYesYesSmartThings Hub / NoT-SensorYesYesYesFunctionalityYesYesYes		Far-Field Voice Interaction	Yes	Yes	Yes
Samsung TV PlusYesYesYesWeb BrowserYesYesYesSmartThings Hub / Matter Hub / IoT-SensorYesYesYesFunctionalityYesYesYes			Alexa		
Web BrowserYesYesYesSmartThings Hub / IoT-SensorFunctionalityYesYes			Alexa, Google Assistant	Alexa, Google Assistant	Alexa, Google Assistant
SmartThings Hub / Matter Hub / IoT-Sensor Functionality Yes Yes Yes Yes		Samsung TV Plus	Yes	Yes	Yes
Functionality Yes Yes Yes			Yes	Yes	Yes
Media Home Yes Yes Yes		Functionality	Yes	Yes	Yes
		Media Home	Yes	Yes	Yes

		55"	65"	77"
Smart Feature	NFC on TV	N/A	N/A	N/A
	Video Communication Tap View	Google Meet Yes (requires Android 8.1↑ with Screen Cast capabilities)	Google Meet Yes (requires Android 8.1↑ with Screen Cast capabilities)	Google Meet Yes (requires Android 8.1↑ with Screen Cast capabilities)
	Multi-View	Up to 2 videos	Up to 2 videos	Up to 2 videos
	Music Wall	Yes	Yes	Yes
	Mobile Camera Support	Yes	Yes	Yes
	Easy Setup	Yes	Yes	Yes
	AppCasting	Yes	Yes	Yes
	Ambient Mode	Ambient Mode+	Ambient Mode+	Ambient Mode+
	Wireless Dex	Yes	Yes	Yes
	Web Service	Microsoft 365 (Subscription required)	Microsoft 365 (Subscription required)	Microsoft 365 (Subscription required)
Game Feature	Auto Game Mode (ALLM)	Yes	Yes	Yes
	Game Motion Plus	Yes	Yes	Yes
	Dynamic Black EQ	Yes	Yes	Yes
	Surround Sound	Yes	Yes	Yes
	Super Ultra Wide Game View	Yes	Yes	Yes
	MiniMap Zoom	Yes	Yes	Yes
	Light-sync	N/A	N/A	N/A
	Freesync	FreeSync Premium	FreeSync Premium	FreeSync Premium
	HGiG	Yes	Yes	Yes
	Gaming Hub	N/A	N/A	N/A
Tuner/Broadcasting				
	Digital Broadcasting	DVB-T(T2 Ready)	DVB-T(T2 Ready)	DVB-T(T2 Ready)
	Analog Tuner	Yes	Yes	Yes
	CI (Common Interface)	N/A	N/A	N/A
Connectivity				
connectivity	HDMI	4	4	4
	HDMI (High Frame Rate)	4K 144Hz (for HDMI 1/2/3/4)	4K 144Hz (for HDMI 1/2/3/4)	4K 144Hz (for HDMI 1/2/3/4)
	HDMI Audio Return Channel	eARC	eARC	eARC
	USB	2	2	2
	USB-C (Camera Only)	N/A	N/A	N/A
	Component In (Y/Pb/Pr)	N/A	N/A	N/A
	Composite In (AV)	N/A	N/A	N/A
	Ethernet (LAN)	Yes	Yes	Yes
	Audio Out (Mini Jack)	N/A	N/A	N/A
	Digital Audio Out (Optical)	1 1/1(Common Use for Terrestrial)/0	1 1/1(Common Use for Terrestrial)/0	1 1/1(Common Use for Terrestrial)/0
	RF In (Terrestrial / Cable input / Satellite input)			
	Ex-Link ( RS-232C )		N/A	N/A
	WiFi	Yes (WiFi5)	Yes (WiFi5)	Yes (WiFi5)
	Bluetooth	Yes (BT5.2)	Yes (BT5.2)	Yes (BT5.2)
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes

		55"	65"	77"
Design	Design	LaserSlim Design	LaserSlim Design	LaserSlim Design
	Bezel Type	4 Bezel-less	4 Bezel-less	4 Bezel-less
	Slim Type	Ultra Slim	Ultra Slim	Ultra Slim
	Front Colour	TITAN BLACK	TITAN BLACK	TITAN BLACK
	Stand Type	SIMPLE PLUS-METAL	SIMPLE PLUS-METAL	SIMPLE PLUS-METAL
	Stand Colour Slim Type	TITAN BLACK Ultra Slim	TITAN BLACK Ultra Slim	TITAN BLACK Ultra Slim
	Front Colour	TITAN BLACK	TITAN BLACK	TITAN BLACK
	Stand Type	SLIM OC STAND	SLIM OC STAND	SLIM OC STAND
	Stand Colour	TITAN BLACK	TITAN BLACK	TITAN BLACK
Additional Feature	Auto Rotation	N/A	N/A	N/A
	9:16 Screen Support	N/A	N/A	N/A
	Caption (Subtitle)	Yes	Yes	Yes
	EPG	Yes	Yes	Yes
	Extended PVR	Yes	Yes	Yes
	OSD Language	Local Languages	Local Languages	Local Languages
	Picture-In-Picture	N/A	N/A	N/A
	Teletext (TTX)	Yes	Yes	N/A
	Time Shift	Yes	Yes	Yes
	One Connect Box	N/A	N/A	N/A
	MBR Support	Yes	Yes	Yes
	Horseppore		105	
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
	Learn TV Remote / Learn Menu Screen	English, French, Spanish, Portuguese, Persian, Indonesian, Thai, Vietnamese, Arabic (Languages are supported if there is a language that matches the OSD language)	English, French, Spanish, Portuguese, Persian, Indonesian, Thai, Vietnamese, Arabic (Languages are supported if there is a language that matches the OSD language)	English, French, Spanish, Portuguese, Persian, Indonesian, Thai, Vietnamese, Arabic (Languages are supported if there is a language that matches the OSD language)
Power & Eco Solution				
	Power Supply	AC220-240V~ 50/60Hz	AC220-240V~ 50/60Hz	AC220-240V~ 50/60Hz
	Power Consumption (Max)	310 W	360 W	460 W
	Power Consumption (Stand-by)	0.5 W	0.5 W	0.5 W
	Power Consumption (Typical)	113.0 W	154.0 W	178.0 W
	Power Consumption (Energy Saving Mode) Yearly Power Consumption (EU standard)	N/A 416 kWh	N/A 565 kWh	N/A 653 kWh
	Eco Sensor	Yes	Yes	Yes
	Auto Power Saving Energy Efficiency Class	Yes 4	Yes 4	Yes 4.5
	Auto Power Off	4 Yes	4 Yes	4.5 Yes
	Auto Power On	Tes	Tes	Tes
Dimension	Package Size (WxHxD)	1385 x 833 x 153 mm	1617 x 950 x 160 mm	1890 x 1182 x 192 mm
	Set Size with Stand (WxHxD)	1225.4 x 773.5 x 265.9 mm	1444.3 x 896.6 x 265.9 mm	1718.5 x 1058.9 x 359.8 mm
	Set Size with stand (WxHxD) Set Size without Stand (WxHxD)	1225.4 x 708.6 x 39.9 mm	1444.3 x 831.7 x 39.9 mm	1718.5 x 987.6 x 44.9 mm
	Stand (Basic) (WxD)	366.0 x 265.9 mm	366.0 x 265.9 mm	366 x 359.8 mm
	Stand (Basic) (WxD) Stand (Minimum) (WxD)			366 x 359.8 mm N/A
		N/A 300 x 200 mm	N/A	
	VESA Spec	500 X 200 mm	300 x 200 mm	400 x 300 mm

		55"	65"	77 <b>"</b>
Weight	Package Weight	24.4 kg	30.9 kg	49.1 kg
	Set Weight with Stand	18.2 kg	23.1 kg	37.8 kg
	Set Weight without Stand	16.2 kg	21.1 kg	35.1 kg
Accessory	Remote Controller Model	TM2360E	TM2360E	TM2360E
	Batteries (for Remote Control)	N/A	N/A	N/A
	Slim Fit Wall-mount Support	Yes	Yes	N/A
	Studio Stand Support	N/A	N/A	N/A
	Vesa Wall Mount Support	Yes	Yes	Yes
	Auto-Rotation Accessory Support	N/A	N/A	N/A
	Full Motion Slim Wall Mount Support (Y22)	Yes	Yes	Yes
	SlimFit Cam Support	Yes	Yes	Yes
	User Manual	Yes	Yes	Yes
	E-Manual	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes
	Optional One Connect Cable Support	N/A	N/A	N/A