

2023 Core TV Line Up

	Micro LED		Neo QLED 8K		Neo QLED 4K				OLED		QLED 4K		
													
	MSIA	MSIB	QN900C	QN800C	QN100B	QN95C	QN90C	QN85C	S95C	S90C	Q80C	Q70C	Q60C
Sizes	110"	89"	85", 75", 65"	85", 75", 65"	98"	85", 75", 65"	98 ¹ , 85", 75", 65", 55", 50", 43"	85", 75", 65", 55"	77", 65", 55"	77", 65", 55"	98", 85", 75", 65", 55", 50"	85", 75", 65", 55"	85", 75", 70", 65", 55", 50", 43", 32"
Backlight	Micro LED		Quantum Matrix PRO with Mini LED	Quantum Matrix PRO with Mini LED	Quantum Matrix with Mini LED	Quantum Matrix with Mini LED	Quantum Matrix with Mini LED	Quantum Matrix with Mini LED	OLED boosted by Quantum Dots	OLED boosted by Quantum Dots	Full Array	Dual LED	Dual LED
Resolution	4K		8K	8K	4K	4K	4K	4K	4K	4K	4K	4K	4K
Mounting Type	VESA or Included Mount		VESA or Slim Fit	VESA or Slim Fit	VESA or Included Slim Fit	VESA or Slim Fit	VESA or Slim Fit ²	VESA or Slim Fit	VESA or Slim Fit ³	VESA or Slim Fit	VESA	VESA or Slim Fit	VESA or Slim Fit
Bezel Design	Zero Bezel		Zero Bezel	4 side bezel-less	4 side bezel-less	4 side bezel-less	4 side bezel-less ⁴	4 side bezel-less	4 side bezel-less	4 side bezel-less	4 side bezel-less ⁵	3 side bezel-less	3 side bezel-less
Product Design	Monolith Design		Infinity One	Infinity One	Infinity-all-metal	Infinity One	NeoSlim	NeoSlim	Infinity One	Laser Slim	AirSlim	AirSlim	AirSlim
Connectivity Location	One Connect Box		One Connect Box	One Connect Box	One Connect Box	Rear TV Cabinet	Rear TV Cabinet	Rear TV Cabinet	One Connect Box	Rear TV Cabinet	Rear TV Cabinet	Rear TV Cabinet	Rear TV Cabinet
HDMI	6		4	4	4	4	4	4	4	4	4	4	3
WiFi	WiFi6		WiFi6	WiFi6	WiFi5	WiFi5	WiFi5	WiFi5	WiFi5	WiFi5	WiFi5	WiFi5	WiFi5
HDMI 2.1 Advanced Features	ALLM, VRR (FreeSync™) ⁶ , eARC, 4k@120Hz (FRL)		ALLM, VRR (FreeSync™), eARC, 4k@144Hz (FRL)	ALLM, VRR (FreeSync™), eARC, 4k@120Hz (FRL)	ALLM, VRR (FreeSync™), eARC, 4k@120Hz (FRL)	ALLM, VRR (FreeSync™), eARC, 4k@144Hz (FRL)	ALLM, VRR (FreeSync™), eARC, 4k@120Hz (FRL)	ALLM, VRR (FreeSync™), eARC, 4k@120Hz (FRL)	ALLM, VRR (FreeSync™), eARC, 4k@144Hz (FRL)	ALLM, VRR (FreeSync™), eARC, 4k@120Hz (FRL)	ALLM, VRR (FreeSync™) ⁷ , eARC, 4k@120Hz (FRL)	ALLM, VRR (FreeSync™), eARC, 4k@120Hz (FRL)	ALLM, eARC
Digital Broadcasting	n/a		ATSC 3.0 NextGenTV	ATSC 3.0 NextGenTV	ATSC 3.0 NextGenTV	ATSC 3.0 NextGenTV	ATSC 3.0 NextGenTV	ATSC/ClearQAM	ATSC 3.0 NextGenTV	ATSC 3.0 NextGenTV	ATSC/ClearQAM	ATSC/ClearQAM	ATSC/ClearQAM
Control	IP, Serial, IR		IP, Serial, IR	IP, Serial, IR	IP, Serial, IR	IP, Serial, IR	IP, Serial, IR	IP, Serial, IR	IP, Serial, IR	IP, Serial, IR	IP, Serial, IR	IP, Serial, IR	IP, Serial ⁸ , IR
VG-ARAC43WMTZA Rotating Mount Compatible	No		Yes; 65"	Yes; 65"	No	Yes; 65"	Yes; 65", 55", 50", 43"	Yes; 65" & 55"	Yes; 65" & 55"	No	No	No	No

Connectivity

Support



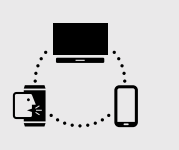

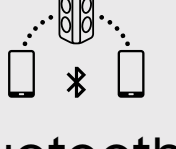

Tech Hotline	Samsung Tech Support Hotline: (866)208-2911
Service Hotline	Samsung Consumer Dealer Service Hotline: (866)797-8727
Brawn Consulting	Brawn Consulting Hotline: (442)245-8332
CI Web Portal	Register to download custom installer product info, 2D drawing, etc. www.samsung.com/custominstall
IP Control	Contact Your AMX, Control4, Crestron, Extron, Elan, Josh.ai, RTI, Savant, or URC representative

¹98" refers to QN98QN90A. ²98QN90A does not support Slim Fit. ³77S95C does not support Slim Fit. ⁴98QN90A, 50QN90C & 43QN90C feature 3 side bezel-less. ⁵98Q80C & 50Q80C feature 3 side bezel-less. ⁶FreeSync Compatible. ⁷50Q80C does not support FreeSync. ⁸Requires USB-to-ExLink Adaptor

2023 Audio Comparison Chart

		Q Series Soundbars						B-Series Soundbars				S-Series Soundbars		
		HW-Q990C/ZA	HW-Q900C/ZA	HW-Q800C/ZA	HW-Q700C/ZA	HW-Q600C/ZA	HW-Q60C/ZA	HW-B650/ZA	HW-B550/ZA	HW-C450/ZA	HW-C400/ZA	HW-S800B/ZA HW-S801B/ZA	HW-S60B/ZA HW-S61B/ZA	HW-S50B/ZA
General	Suggested TV Pairing	QN900C	QN800C	QN90C	QN85C	Q70C	Q60C	CU8000	CU8000	CU7000	CU7000	S95C	The Frame	
	Wireless Rear Speaker	Included		SWA-9500S		SWA-9200S		SWA-9200S				SWA-9500S	SWA-9200S	
	Number of Channels	11.1.4	7.1.2	5.1.2	3.1.2	3.1.2	3.1	3.1	2.1	2.1	2.1	3.1.2	5.0	3.0
	Number of Speakers	22	16	11	9	9	7	7	5	3	4	10	7	5
Audio	Center Speaker	●	●	●	●	●	●	●				●	●	●
	Q-Symphony ¹	●	●	●	●	●	●					●	●	●
	Active Voice Amplifier (AVA)	●	●	●								●		
	SpaceFit Sound Pro / SpaceFit Sound ²	SpaceFit Sound Pro (Built-in)		SpaceFit Sound Pro (works with)								SpaceFit Sound Pro (Built-in)		
	Dolby	Wireless Dolby Atmos				Dolby Atmos		Dolby Digital 5.1	Dolby Audio			Wireless Dolby Atmos		Dolby Digital 5.1
	DTS	DTS:X			DTS Virtual:X			DTS Virtual: X			DTS 2.0	DTS Virtual:X		
	Wireless Subwoofer Included	●	●	●	●	●	●	●	●	●		●	SWA-W510	
	Night / Voice Enhancement Mode	●	●	●	●	●	●	●	●	●	●	●	●	●
Connectivity	Bluetooth®	●	●	●	●	●	●	●	●	●	●	●	●	●
	Bluetooth® Multi-Connection ³					●	●	●						●
	WiFi	●	●	●	●							●	●	
	AirPlay 2	●	●	●	●							●	●	
	HDMI In/Out	2/1		1/1				1/1						0/1
	HDMI Connectivity	eARC						ARC				ARC		
	Alexa	Built-in		Works with								Built-in		
	Tap Sound ⁴	●	●	●	●	●	●					●	●	●
	Samsung One Remote	●	●	●	●	●	●	●	●	●	●	●	●	●

Sound Tower

		MX-ST90B/ZA	MX-ST50B/ZA	MX-ST40B/ZA	All models include:		
General	High Power	1700 Watts	240 Watts	160 Watts			
	Built-in Battery		Up to 18 hours	Up to 12 hours			
	Sound Tower App	●	●	●			
	Karaoke Mode ⁵	2 Mic Inputs	1 Mic Input				

¹Q-Symphony is compatible with select 2020 - 2023 Samsung TVs. Please refer to samsung.com for more information. Soundbar must be connected to TV via HDMI, optical cable or Wi-Fi to enable Q-Symphony function. ²SpaceFit Sound Pro / SpaceFit Sound is compatible with 2021 - 2023 Samsung QLED TVs (Q70+ and above). Please refer to samsung.com for more information. ³Soundbar mobile connection is not available when connected to the TV. Requires Bluetooth® compatible devices. ⁴Tap Sound is only compatible with select Samsung mobile devices, with Android 8.1 and above. Tap Sound requires SmartThings app to activate and set up. This service only works when soundbar and mobile are on. ⁵Mic not included.