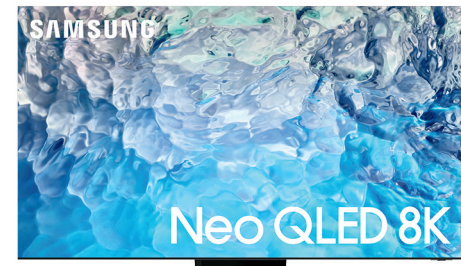
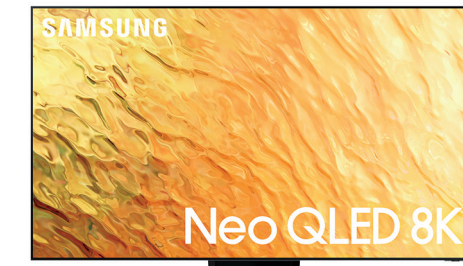


2022 TV Comparison Chart

SAMSUNG Neo QLED 8K

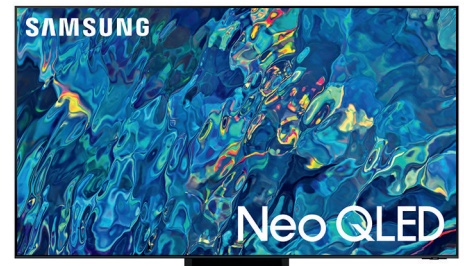


QN900B

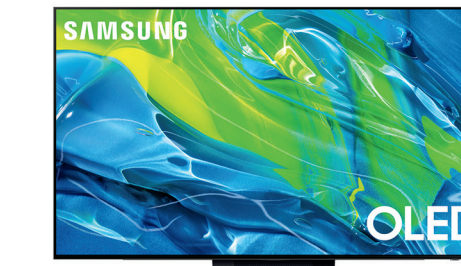


QN800B

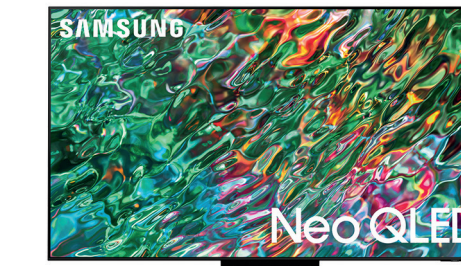
SAMSUNG Neo QLED 4K and OLED



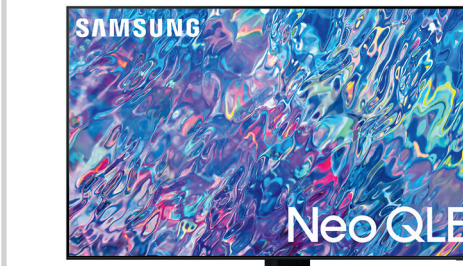
QN95B



S95B



QN90B

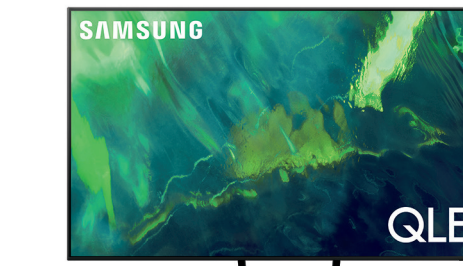


QN85B

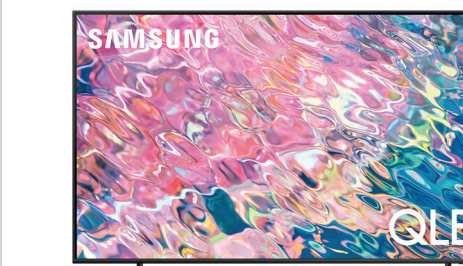
SAMSUNG QLED



Q80B



Q70A



Q60B

	QN900B	QN800B	QN95B	S95B	QN90B	QN85B	Q80B	Q70A	Q60B	
Sizing	85", 75", 65"	85", 75", 65"	85", 75", 65", 55"	65", 55"	85", 75", 65", 55", 50", 43"	85", 75", 65", 55"	85", 75", 65", 55", 50"	85", 75", 65", 55"	85", 75", 70", 65", 60", 55", 50", 43"	
Picture Quality	Resolution	8K	8K	4K	4K	4K	4K	4K	4K	
	Upscaling	8K AI Upscaling ¹⁰	8K AI Upscaling ¹⁰	4K AI Upscaling	4K AI Upscaling	4K AI Upscaling	4K AI Upscaling	4K AI Upscaling	4K Upscaling	
	Processor	Neural Quantum Processor 8K	Neural Quantum Processor 8K	Neural Quantum Processor 4K	Neural Quantum Processor 4K	Neo Quantum Processor 4K	Neo Quantum Processor 4K	Quantum Processor 4K	Quantum Processor 4K	Quantum Processor 4K Lite
	Backlight	Quantum Matrix Technology Pro	Quantum Matrix Technology Pro	Quantum Matrix Technology	Samsung OLED Technology	Quantum Matrix Technology	Quantum Matrix Technology	Direct Full Array	Dual LED	Dual LED
	HDR	Quantum HDR 64x ⁹	Quantum HDR 32x	Quantum HDR 32x	Quantum HDR OLED	Quantum HDR 32x ¹	Quantum HDR 24x	Quantum HDR 12x ⁵	Quantum HDR	Quantum HDR
	Color	100% Color Volume with Quantum Dot ⁸	100% Color Volume with Quantum Dot ⁸	100% Color Volume with Quantum Dot ⁸	Pantone Color Verified	100% Color Volume with Quantum Dot ⁸	100% Color Volume with Quantum Dot ⁸	100% Color Volume with Quantum Dot ⁸	100% Color Volume with Quantum Dot ⁸	100% Color Volume with Quantum Dot ⁸
	Viewing Angle	Anti-Glare with Ultra Viewing Angle	Anti-Glare with Ultra Viewing Angle	Anti-Glare with Ultra Viewing Angle	Ultra Viewing Angle	Anti-Glare with Ultra Viewing Angle ²	Ultra Viewing Angle	Wide Viewing Angle	Wide Viewing Angle	NA
	Motion Rate	Motion Xcelerator Turbo Pro	Motion Xcelerator Turbo+	Motion Xcelerator Turbo Pro	Motion Xcelerator Turbo+	Motion Xcelerator Turbo+ ⁴	Motion Xcelerator Turbo+	Motion Xcelerator Turbo+ ⁶	Motion Xcelerator Turbo+	Motion Xcelerator
	Adaptive Picture	Adaptive Picture	Adaptive Picture	Adaptive Picture	Adaptive Picture	Adaptive Picture	Adaptive Picture	Adaptive Picture	Adaptive Picture	Adaptive Picture
FreeSync™	FreeSync™ Premium Pro	FreeSync™ Premium Pro	FreeSync™ Premium Pro	FreeSync™ Premium	FreeSync™ Premium Pro	FreeSync™ Premium Pro	FreeSync™ Premium Pro ¹	FreeSync™ Premium Pro	NA	
Smart	Smart TV	Samsung Smart TV Hub	Samsung Smart TV Hub	Samsung Smart TV Hub	Samsung Smart TV Hub	Samsung Smart TV Hub	Samsung Smart TV Hub	Smart TV Powered by Tizen™	Samsung Smart TV Hub	
	Universal Guide	Universal Guide	Universal Guide	Universal Guide	Universal Guide	Universal Guide	Universal Guide	Universal Guide	Universal Guide	
	Multi View	Multi View (4 views)	Multi View (4 views)	Multi View	Multi View	Multi View	Multi View	Multi View	Multi View	
	Voice Assistant	Multiple Voice Assistants	Multiple Voice Assistants	Multiple Voice Assistants	Multiple Voice Assistants	Multiple Voice Assistants	Multiple Voice Assistants	Multiple Voice Assistants	Multiple Voice Assistants	
	Remote	SolarCell Remote™ (TM2280E)	SolarCell Remote™ (TM2280E)	SolarCell Remote™ (TM2280E)	SolarCell Remote™ (TM2280E)	SolarCell Remote™ (TM2280E)	SolarCell Remote™ (TM2280E)	SolarCell Remote™ (TM2280E)	SolarCell Remote™ (TM2180E)	SolarCell Remote™ (TM2280E)
Design	Product Design	Infinity One Design	Infinity One Design	Infinity One Design	LaserSlim Design	NeoSlim Design	NeoSlim Design	Simple Chamfer Design	AirSlim Design	AirSlim Design
	Screen Design	Zero Bezel	4-Sided Bezel less	4-Sided Bezel less	4-Sided Bezel less	4-Sided Bezel less ¹²	4-Sided Bezel less	4-Sided Bezel less ¹²	3-Sided Bezel less	3-Sided Bezel less
	Vesa Wall Mount Support	Supports Vesa Wall Mount Standard	Supports Vesa Wall Mount Standard	Supports Vesa Wall Mount Standard	Supports Vesa Wall Mount Standard	Supports Vesa Wall Mount Standard	Supports Vesa Wall Mount Standard	Supports Vesa Wall Mount Standard	Supports Vesa Wall Mount Standard	Supports Vesa Wall Mount Standard
	Connectivity Location	<small>Slim One Connect Box Dimensions – (11.6" x 1.4" x 13") 2 Included cables – (1)11.8" Long, (2)8.2" Long TV cable end – 2.1" W x .28" H x 2.2" D OCB cable end – 1.2" W x .55" H x 2" D</small>	<small>Slim One Connect Box Dimensions – (11.6" x 1.4" x 13") 2 Included cables – (1)11.8" Long, (2)8.2" Long TV cable end – 2.1" W x .28" H x 2.2" D OCB cable end – 1.2" W x .55" H x 2" D</small>	<small>Slim One Connect Box Dimensions – (11.6" x 1.4" x 13") 2 Included cables – (1)11.8" Long, (2)8.2" Long TV cable end – 2.1" W x .28" H x 2.2" D OCB cable end – 1.2" W x .55" H x 2" D</small>	Rear TV Cabinet	Rear TV Cabinet	Rear TV Cabinet	Rear TV Cabinet	Rear TV Cabinet	Rear TV Cabinet
	Operates in Portrait Mode	Yes 65"	Yes 65"	Yes 55", 65"	No	Yes 43", 50", 55"	Yes 55"	No	No	No
Sound	Audio	Dolby Atmos and Object Tracking Sound Pro	Dolby Atmos and Object Tracking Sound+	Dolby Atmos and Object Tracking Sound+	Dolby Atmos and Object Tracking Sound	Dolby Atmos and Object Tracking Sound+ ³	Dolby Atmos and Object Tracking Sound	Dolby Atmos and Object Tracking Sound ⁷	Object Tracking Sound Lite	Object Tracking Sound Lite
	Active Voice Amplifier	Active Voice Amplifier	Active Voice Amplifier	Active Voice Amplifier	Active Voice Amplifier	Active Voice Amplifier	Active Voice Amplifier	Active Voice Amplifier	Active Voice Amplifier	NA
	Q-Symphony	Q-Symphony	Q-Symphony	Q-Symphony	Q-Symphony	Q-Symphony	Q-Symphony	Q-Symphony	Q-Symphony	Q-Symphony
Connectivity	HDMI	4	4	4	4	4	4	4	3	
	USB	3	3	3	2	2	2	2	2	
	WiFi Support	WiFi 6E	WiFi 6E	WiFi 5	WiFi 5	WiFi 5	WiFi 5	WiFi 5	WiFi 5	
	Advanced HDMI 2.1 Features	ALLM, 8K@60Hz and up to 4K@144Hz (FRL), VRR (FreeSync™), eARC	ALLM, 8K@60Hz (FRL), VRR (FreeSync™), eARC	ALLM, up to 4K@144Hz (FRL), VRR (FreeSync™), eARC	ALLM, 4K@120Hz (FRL), VRR (FreeSync™), eARC	ALLM, 4K@120Hz (FRL), VRR (FreeSync™), eARC	ALLM, 4K@120Hz (FRL), VRR (FreeSync™), eARC	ALLM, 4K@120Hz (FRL), VRR (FreeSync™), eARC	ALLM, 4K@120Hz (FRL), VRR (FreeSync™), eARC	ALLM, eARC
	Digital Broadcasting	NextGen TV (ATSC 3.0)	NextGen TV (ATSC 3.0)	NextGen TV (ATSC 3.0)	NextGen TV (ATSC 3.0)	NextGen TV (ATSC 3.0)	ATSC/ClearQAM	ATSC/ClearQAM	ATSC/ClearQAM	ATSC/ClearQAM
Serial Control	Yes, via ExLink Port	Yes, via ExLink Port	Yes, via ExLink Port	Yes, via ExLink Port	Yes, via ExLink Port	Yes, via ExLink Port	Yes, via ExLink Port	Yes, via ExLink Port	Requires a USB-to-ExLink Adapter	

Support

Tech Hotline

Samsung Tech Support Hotline: **(866) 208-2911**

Service Hotline

Samsung Consumer Dealer Service Hotline: **(866) 797-8727**

CI Web Portal

Register to download custom installer product info, 2D drawing, etc.: www.samsung.com/custominstall

IP Control

Contact Your AMX, Control4, Crestron, RTI, Savant, URC, Elan, or Josh AI representative

¹QN90B 50" and 43" have Quantum HDR 24x. ²QN90B 50" has Wide Viewing Angle and does not have Anti-Glare. QN90B 43" does not have Ultra Viewing Angle or Anti-Glare. ³QN90B 50" and 43" have Object Tracking Sound Lite. ⁴QN90B 50" and 43" have Motion Xcelerator Turbo Pro. ⁵Q80B 50" has Quantum HDR 8x. ⁶Q80B 50" has Motion Xcelerator Turbo. ⁷Q80B 50" has Object Tracking Sound Lite. ⁸QLED televisions can produce 100% Color Volume in the DCI-P3 color space, the format for most cinema screens and HDR movies for television. ⁹QN90B 65" has Quantum HDR 48x. ¹⁰Utilizes AI-based formulas to upscale to 8K resolution. Resulting picture may vary based on source content. ¹¹Q80B 50" does not have FreeSync™ Premium Pro. ¹²QN90B 50" and 43" are 3-Sided Bezel less. Q80B 50" is 3-Sided Bezel less.