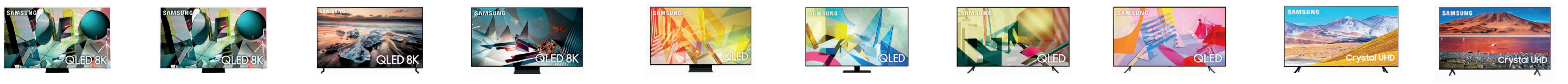


2020 QLED/Crystal UHD TV Comparison Chart

QLED 8K

QLED 4K

Crystal UHD



	Q950TS	Q900TS	Q900R	Q800T	Q90T	Q80T	Q70T	Q60T	TU8000	TU7000
Screen Size	85"	85" 75" 65"	98" 55"	82" 75" 65"	85" 75" 65" 55"	85" 75" 65" 55" 49"	85" 75" 65" 55"	85" 75" 65" 55" 50" 43"	85" 75" 65" 55" 50" 43"	75" 70" 65" 58" 55" 50" 43"
Resolution	Real 8K Resolution	Real 8K Resolution	8K UHD	Real 8K Resolution	4K UHD	4K UHD	4K UHD	4K UHD	4K UHD	4K UHD
Upscaling	8K AI Upscaling*	8K AI Upscaling*	8K AI Upscaling*	8K AI Upscaling*	4K AI Upscaling	4K AI Upscaling	4K AI Upscaling	4K Upscaling	4K Upscaling	4K Upscaling
Processor	Quantum Processor 8K	Quantum Processor 8K	Quantum Processor 8K	Quantum Processor 8K	Quantum Processor 4K	Quantum Processor 4K	Quantum Processor 4K	Quantum Processor 4K Lite	Crystal Processor 4K	Crystal Processor 4K
Backlighting	Direct Full Array 32X†	Direct Full Array 32X†	Direct Full Array 24X† (96") Full Array 16X (65")	Direct Full Array 32X† (82") Direct Full Array 24X (75") 8.45†	Direct Full Array 20X† (85") Direct Full Array 16X (75") 6.55†	Direct Full Array 12X† (85") Direct Full Array 8X (69") 5.5†	Dual LED	Dual LED		
HDR Formats	HDR10 (Static MetaData), HDR10+ (Dynamic MetaData), HLG (Hybrid Log Gamma)									
HDR	Quantum HDR 32X	Quantum HDR 32X (85") Quantum HDR 24X (65")	Quantum HDR 32X	Quantum HDR 16X	Quantum HDR 16X	Quantum HDR 32X (85") Quantum HDR 8X (69")	Quantum HDR	Quantum HDR	HDR	HDR
Color	100% Color Volume with Quantum Dot‡	100% Color Volume with Quantum Dot‡	100% Color Volume with Quantum Dot‡	100% Color Volume with Quantum Dot‡	100% Color Volume with Quantum Dot‡	100% Color Volume with Quantum Dot‡	100% Color Volume with Quantum Dot‡	100% Color Volume with Quantum Dot‡	Crystal Display	Crystal Display
Viewing Angle	Ultra Viewing Angle§	Ultra Viewing Angle§	Ultra Viewing Angle§	Ultra Viewing Angle§	Ultra Viewing Angle§	Ultra Viewing Angle§	Wide Viewing Angle§	Wide Viewing Angle§		
Motion Rate	Motion Rate 240*	Motion Rate 240*	Motion Rate 240*	Motion Rate 240*	Motion Rate 240*	Motion Rate 240* (4P Motion Rate 120)	Motion Rate 240*	Motion Rate 120	Motion Rate 120	Motion Rate 120
Adaptive Picture	•	•	•	•	•	•	•	•		
Game Mode	Real Game Enhancer**	Real Game Enhancer**	Real Game Enhancer**	Real Game Enhancer**	Real Game Enhancer**	Real Game Enhancer**	Real Game Enhancer**	Game Enhancer	Game Enhancer	Game Enhancer
Ambient Mode	Ambient Mode**	Ambient Mode**	Ambient Mode	Ambient Mode**	Ambient Mode**	Ambient Mode**	Ambient Mode**	Ambient Mode	Ambient Mode	
Smart TV Powered by Tizen™	•	•	•	•	•	•	•	•	•	•
Universal Guide	•	•	•	•	•	•	•	•	•	•
Multi-View	•	•	•	•	•	•	•	•	•	•
Voice	•	•	•	•	•	•	•	•	•	•
Remote	OneRemote	OneRemote	OneRemote	OneRemote	OneRemote	OneRemote	OneRemote	OneRemote	OneRemote	Standard Remote
IOT	SmartThings	SmartThings	SmartThings	SmartThings	SmartThings	SmartThings	SmartThings	SmartThings		
Screen	Infinity Screen	Infinity Screen		Boundless Design	Boundless Design	Boundless Design	Boundless Design	Boundless Design	Boundless Design	Boundless Design
One Invisible Connection™	•		•							
Clean Cable Solution™		•		•	•	•	•	•	•	•
One Connect Box™	•		•							
No Gap Wall Mount™	•		•							
VESA Wall Mount®	All Samsung 2020 TVs Support VESA Wall Mount Standard; additional support material can be found on the CI Web Portal.									
Object Tracking Sound+	•	•		•						
Object Tracking Sound					•	•				
Active Voice Amplifier	•	•		•	•	•	•			
Q-Symphony	•			•	•	•				
WiFi Support	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)	802.11ac	802.11ac	802.11ac	802.11ac	802.11ac	802.11ac	802.11ac	802.11ac
HDMI	4	4	4	4	4	4	4	3	3	2
Advanced HDMI 2.1 Features	ALLM, 8K@60Hz (FRL), VRR (FreeSync), eARC	ALLM, 8K@60Hz (FRL), VRR (FreeSync), eARC	ALLM, 8K@60Hz (FRL), VRR (FreeSync)	ALLM, 8K@60Hz (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		
USB	3	2	3	2	3	2	2	2	2	2
NextGen TV (ATSC 3.0)	•	•		•						
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	No
Tech Hotline	Samsung Tech Support Hot Line: (866) 208-2911									
CI Web Portal	Register to download custom installer, product info, 2D drawing, etc.: www.samsung.com/us/business/custominstall/									
IP Control	Contact Your AMX, Control4, Crestron, RTI, Savant, URC, Elan, or Josh AI (TU7000 does not support IP Control.)									

†Upgrades to 8K resolution (7680 x 4320) require 8K content and compatible streaming services. ‡100% Color Volume is based on the DC-P5 color gamut. §Ultra Viewing Angle is based on the DC-P5 color gamut. **Ambient Mode is available on select models. †††Crystal UHD TV does not support IP Control. ††††Crystal UHD TV does not support IP Control.

Samsung TV • TracyLocke
 012175 Studio# OTHC-P00001042
 2020 CI Compare Chart

Mech Trim: **48" x 72"**
 Mech Live: **47.75" x 71.75"**
 Mech Bleed: **48.25" x 72.25"**

Final Trim: **48" x 72"**
 Final Live: **47.75" x 71.75"**
 Final Bleed: **48.25" x 72.25"**

Compare Grid Large White • 1 of 1
 TMG012175_mch_bnr_2020CIVCompareChart.indd
 Print Code: -
 Contact: Denise Thomas +1.214.259.3792
 Studio Artist: HG
 Built At: 100% • Print Scale: None
 4-Color Process: Cyan, Magenta, Yellow, Black

Placed Images: 75Q950TS(QTA1)_010_Front2_Black_cmyk.tif (CMYK: 1509 ppi: 19.87%)
 Q900R(ATXU)_020_Front-Logo_Black.jpg (CMYK: 1549 ppi: 19.36%)
 Q800T(QTB1)_001_Front1_Titan-Black_cmyk.tif (CMYK: 1468 ppi: 15.93 ppi: 20.43%, 18.83%)
 Q90T(QTC1)_001_Front1_Black_cmyk.tif (CMYK: 1624 ppi: 18.47%)
 QN65Q80TAF_001_Front1_Black_cmyk.tif (CMYK: 1593 ppi: 18.83%)
 Q70T(QSE1)_001_Front1_Black (1)cmk.tif (CMYK: 1453 ppi: 15.77 ppi: 20.64%, 19.02%)
 Q60T(QS1F1)_010_Front2_Titan-Gray_cmyk.tif (CMYK: 1456 ppi: 15.80 ppi: 20.6%, 18.98%)

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