

# 2024 Core TV Line Up

	MicroLED	Neo QLED 8K			Neo QLED 4K			OLED			QLED 4K
											
	MSI	QN990C	QN900D	QN800D	QN95D	QN90D	QN85D	S95D	S90D	S85D	Q80D
Sizes	114", 101", 89"	98"	85", 75", 65"	85", 75", 65"	85", 75", 65" CI Series	98", 85", 75", 65", 55", 50", 43"	85", 75", 65", 55"	77", 65", 55"	83", 77", 65", 55", 48", 42"	83", 65", 55"	98", 85", 75", 65", 55", 50"
Backlight	Micro LED	Mini LED Full Array	Mini LED Full Array	Mini LED Full Array	Mini LED Full Array	Mini LED Full Array	Mini LED Full Array	OLED w/ Quantum Dots	OLED	OLED	Full Array
Resolution	0.51mm pixel pitch 114": 4968x2808 101": 4416x2496 89": 3864x2184	8K	8K	8K	4K	4K	4K	4K	4K	4K	4K
Refresh Rate	120Hz	120Hz	120Hz (Up to 240 Hz for gaming)	120Hz (Up to 165 Hz for gaming)	120Hz (Up to 144 Hz for gaming)	120Hz (Up to 144 Hz for gaming)	120Hz	120Hz (Up to 144 Hz for gaming)	120Hz (Up to 144 Hz for gaming)	120Hz	120Hz <sup>2</sup>
Processor	Micro AI Processor	Neural Quantum 8K	Neural Quantum 8K AI Gen 3	Neural Quantum 8K AI Gen 2	Neural Quantum 4K AI Gen 2	Neural Quantum 4K AI Gen 2	Neural Quantum 4K AI Gen 2	Neural Quantum 4K AI Gen 2	Neural Quantum 4K AI Gen 2	Neural Quantum 4K AI Gen 2	Neural Quantum 4K AI Gen 2
Anti-Glare	Yes	Yes	Yes	Yes	Yes	Yes		OLED Glare Free	Yes	Yes	
Inputs	Slim One Connect Box	Slim One Connect Box	Slim One Connect Box	Slim One Connect Box	Rear TV Cabinet	Rear TV Cabinet	Rear TV Cabinet	Slim One Connect Box	Rear TV Cabinet	Rear TV Cabinet	Rear TV Cabinet
HDMI	114": 4K 120Hz on HDMI 5/6/7/8 101": 4K 120Hz HDMI 6 89": 4K 120Hz HDMI 6	4 (8K 60Hz/4K 120Hz)	4 (8K 60Hz/4K 240Hz)	4 (8K 60Hz/4K 165Hz)	4	4	4	4	4	4	4
WiFi	Wi-Fi 6	Wi-Fi 6E	Wi-Fi 6E	Wi-Fi 6E	Wi-Fi 5	Wi-Fi 5	Wi-Fi 5	Wi-Fi 5	Wi-Fi 5	Wi-Fi 5	Wi-Fi 5
ATSC 3.0		Yes	Yes	Yes							
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
VESA	114": 1000x800 101": 800x600 89": 600x400 mount included	600x400	85": 600x400 75": 400x400 65": 400x300	85": 600x400 75": 400x400 65": 400x300	85": 600x400 75": 400x400 65": 400x300	98": 600x400 85": 400x400 75": 400x300 65": 400x300 55": 200x200	85": 600x400 75": 400x400 65": 400x300 55": 200x200	77": 400x400 65", 55": 400x300	83", 77": 400x300 65", 55", 48": 300x200 42": 200x200	83", 77": 400x300 65", 55": 300x200	85": 600x400 75": 400x400 65": 400x300 55": 200x200
Other	Art and Ambient Mode, Multi View	2.5M cable included; optional 5M cable VG-SOCA05/ZA	2.5M cable included	2.5M cable included; optional 5M cable VG-SOCA05/ZA	Sheltered CI Series			2.5M cable included			

Connectivity

Support	Tech Hotline	Samsung Tech Support Hotline: (866)208-2911
	Service Hotline	samsungdss.com
	Brawn Consulting	Brawn Consulting Hotline: (442)245-8332
	CI Web Portal	Register to download custom installer product info, 2D drawing, etc. <a href="http://www.samsung.com/custominstall">www.samsung.com/custominstall</a>

<sup>1</sup>QLED 4K 98" is a C model. <sup>2</sup>50Q80D has 60Hz.