

# Specifications

SAMSUNG

Model		QM43C	QM50C	QM55C	QM65C	QM75C	QM85C	
Display Panel	Diagonal Size	43	50	55	65	75	85	
	Class Measured	42.5	48.5	54.6	64.5	74.5	84.5	
	Resolution	3,840 x 2,160 (16:9)	3,840 x 2,160 (16:9)	3,840 x 2,160 (16:9)	3,840 x 2,160 (16:9)	3,840 x 2,160 (16:9)	3,840 x 2,160 (16:9)	
	Brightness (Typ.)	500 nit	500 nit	500 nit	500 nit	500 nit	500 nit	
	Orientation	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	
	Haze	25%	25%	25%	25%	25%	25%	
	Contrast Ratio (Typ.)	4,000:1 (* IPS - 1,200:1)	4,000:1 (* IPS - 1,200:1)	4,000:1	4,000:1	4,000:1	4,000:1	
	Type	VA/IPS	VA/IPS	VA	VA	VA	VA	
	Active Display Area	941.184 (H) x 529.416 (V)	1,095.84 (H) x 616.4 (V)	1,209.6 (H) x 680.4 (V)	1,428.48 (H) x 803.5 2(V)	1,650.24 (H) x 928.26 (V)	1,872.0 (H) x 1,053.01 (V)	
	Pixel Pitch (mm)	0.245 x 0.245	0.285 x 0.285	0.315 x 0.315	0.372 x 0.372	0.429 x 0.429	0.487 x 0.487	
Color Gamut	NTSC 72%	NTSC 72%	NTSC 72%	NTSC 72%	NTSC 72%	NTSC 72%		
Operation Hour	24/7	24/7	24/7	24/7	24/7	24/7		
Connectivity / Sound	Input	Video	DP1.2 (1), HDMI 2.0 (3)	DP1.2 (1), HDMI 2.0 (3)	DP1.2 (1), HDMI 2.0 (3)	DP1.2 (1), HDMI 2.0 (3)	DP1.2 (1), HDMI 2.0 (3)	
		Audio	N/A	N/A	N/A	N/A	N/A	
		USB	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	
		Tuner	N/A	N/A	N/A	N/A	N/A	
		Video	N/A	N/A	N/A	N/A	N/A	
	Output	Audio	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	
		USB	N/A	N/A	N/A	N/A	N/A	
		WiFi / BT	O/O	O/O	O/O	O/O	O/O	
		External Control	RS232C (In/Out), RJ45	RS232C (In/Out), RJ45	RS232C (In/Out), RJ45	RS232C (In/Out), RJ45	RS232C (In/Out), RJ45	
		Speaker	10W 2ch	10W 2ch	10W 2ch	10W 2ch	10W 2ch	
Mechanical Spec	Dimension (mm)	Set	969.5 x 557.8 x 28.5	1,124.1 x 644.8 x 28.5	1,237.9 x 708.8 x 28.5	1,456.8 x 831.9 x 28.5	1,682.3 x 960.4 x 28.5	
		Package	1,093 x 667 x 126	1,246 x 761 x 131	1,403 x 835 x 148	1,616 x 945 x 164	1,839 x 1,113 x 180	
	Weight (kg)	Set	8.8	11.8	15.7	21.5	33.4	
		Package	11.3	14.9	19.9	28.0	43.5	
	VESA Mount	200 x 200	200 x 200	200 x 200	400 x 300	400 x 400	600 x 400	
	VESA Mount Screw (Min-Max)	M8, 12-14mm	M8, 12-14mm	M8, 12-14mm	M8, 12-14mm	M8, 12-14mm	M8, 12-14mm	
Bezel Width (mm)	11.5 (Even)	11.5 (Even)	11.5 (Even)	11.5 (Even)	13.4 (Even)	13.9 (Even)		
Features	Key	UHD Signage with Built-in MagicInfoS10, SSSP 10.0	UHD Signage with Built-in MagicInfoS10, SSSP 10.0	UHD Signage with Built-in MagicInfoS10, SSSP 10.0	UHD Signage with Built-in MagicInfoS10, SSSP 10.0	UHD Signage with Built-in MagicInfoS10, SSSP 10.0		
		Operating System	Tizen 7.0	Tizen 7.0	Tizen 7.0	Tizen 7.0	Tizen 7.0	
	Internal Player	Processor	CA731.6GHz Quad-Core	CA731.6GHz Quad-Core	CA731.6GHz Quad-Core	CA731.6GHz Quad-Core	CA731.6GHz Quad-Core	
		Storage (FDM)	16GB (10GB available)	16GB (10GB available)	16GB (10GB available)	16GB (10GB available)	16GB (10GB available)	
	Special	H/W	2nd Gen. B2B Design Center IR	2nd Gen. B2B Design Center IR	2nd Gen. B2B Design Center IR	2nd Gen. B2B Design Center IR	2nd Gen. B2B Design Center IR	
			Temperature Sensor	Temperature Sensor	Temperature Sensor	Temperature Sensor	Temperature Sensor	
			Auto Level	Auto Level	Auto Level	Auto Level	Auto Level	
		S/W	Wi-Fi (2.4/5.0GHz dual) & BT	Wi-Fi (2.4/5.0GHz dual) & BT	Wi-Fi (2.4/5.0GHz dual) & BT	Wi-Fi (2.4/5.0GHz dual) & BT	Wi-Fi (2.4/5.0GHz dual) & BT	
			Signage New Home Workspace	Signage New Home Workspace	Signage New Home Workspace	Signage New Home Workspace	Signage New Home Workspace	
			Switching & Recovery	Switching & Recovery	Switching & Recovery	Switching & Recovery	Switching & Recovery	
Certification	Safety	60950-1/62368-1	60950-1/62368-1	60950-1/62368-1	60950-1/62368-1	60950-1/62368-1		
		EMC	Class B	Class B	Class B	Class B	Class A	
	Environment	ENERGY STAR 8.0, EPEAT	ENERGY STAR 8.0, EPEAT	ENERGY STAR 8.0, EPEAT	ENERGY STAR 8.0, EPEAT	ENERGY STAR 8.0, EPEAT		
		IP Rating	IP5x	IP5x	IP5x	IP5x	IP5x	
	Security	802.1x (WPA2 Enterprise)	802.1x (WPA2 Enterprise)	802.1x (WPA2 Enterprise)	802.1x (WPA2 Enterprise)	802.1x (WPA2 Enterprise)		
		Power Supply	AC100 - 240 V, 50/60 Hz	AC100 - 240 V, 50/60 Hz	AC100 - 240 V, 50/60 Hz	AC100 - 240 V, 50/60 Hz	AC100 - 240 V, 50/60 Hz	
	Power	Power Consumption	Max[W/h]	121	132	154	187	214.5
			Typical[W/h]	73	84	102	135	151
		Sleep mode	less than 0.5W	less than 0.5W	less than 0.5W	less than 0.5W	less than 0.5W	
	Operating Condition	Temperature	0°C - 40°C	0°C - 40°C	0°C - 40°C	0°C - 40°C	0°C - 40°C	
Relative Humidity		10-80%	10-80%	10-80%	10-80%	10-80%		
Accessories	Included	Quick Setup Guide, Warranty Card, Power Cord	Quick Setup Guide, Warranty Card, Power Cord	Quick Setup Guide, Warranty Card, Power Cord	Quick Setup Guide, Warranty Card, Power Cord	Quick Setup Guide, Warranty Card, Power Cord		
		Remote Controller & Batteries	Remote Controller & Batteries	Remote Controller & Batteries	Remote Controller & Batteries	Remote Controller & Batteries		
	Optional	Stand Mount	WMN-B505C	WMN-B505C	WMN-B505C	WMN-B505C		



## Crystal UHD Signage

### QMC series

### Slim design. Stunning performance.

Introducing the QMC series, the slimmest display in the Samsung's UHD signage offerings. This products deliver an unparalleled slim design that fits into any business, while delivering the visual quality to make a big impact. The sleek form factor is easily installed to fit any room design and delivers stunning visual performance. Dynamic Crystal Color and Quantum Processor Lite 4K delivering consistent, lifelike colors to any content. This is not just a display for simple advertising. It's a display that brings the solutions, tools, and picture quality to grow to your business, no matter what industry you're in.

### Key features

- Ultra Slim Depth**  
The unparalleled ultra-slim thickness of 28.5mm makes it the thinnest option in Samsung's UHD Signage series. It comes with the Slim Fit Wall Mount, which allows you to install it neatly and easily in any environment.
- Even Bezels and Centered VESA Holes**  
The bezels are even on all four sides of the display for a consistent look, while the central VESA mounting holes ensure secure mounting and easy adjustability to portrait mode.
- Dynamic Crystal Color**  
One billion shades of color let you see every subtlety with lifelike color variations. Images are clear and consistent thanks to Samsung's industry leading video processing and upscaling technology.
- Smartview+**  
In the QMC series, SmartView+ enables wireless screen sharing for easy collaboration and quick screen switching with just a click.
- Smart Calibration**  
Guarantee complete brand consistency across every location. Using the Samsung mobile app, calibrate displays to showcase brand logos and other collateral in the exact colors required.
- Energy star / EPEAT Bronze / TÜV Rheinland Carbon Footprint**  
QMC series has earned an ENERGY STAR 8.0 certification from the Environmental Protection Agency for its energy efficiency and an Electronic Product Environmental Assessment Tool (EPEAT) certification in recognition of its eco-conscious efforts, such as its recycled plastic use. Also, The 50" model QM50C series is the first signage models to receive a product carbon footprint certification from TÜV Rheinland, a global testing body.

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### Smart Signage

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\* The certification status of TÜV Rheinland Carbon Footprint may vary depending on the inch.