

Specifications

Model		QB43C	QB50C	QB55C	QB65C	QB75C	QB85C	
Display Panel	Diagonal Size	43	50	55	65	75	85	
	Class Measured	42.5	49.5	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.)	350 nit	350 nit	350 nit	350 nit	350 nit	350 nit	
	Orientation	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	
	Haze	2%	2%	2%	2%	2%	2%	
	Contrast Ratio (Typ.)	4,000:1	4,000:1	4,000:1	4,000:1	4,000:1	4,000:1	
	Type	VA	VA	VA	VA	VA	VA	
	Active Display Area	941.184 (H) x 529.416 (V)	1,095.84 (H) x 616.41 (V)	1,209.6 (H) x 680.4 (V)	1,428.48 (H) x 803.52 (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	16/7	16/7	16/7	16/7	16/7	16/7		
Connectivity / Sound	Input	Video	HDMI 2.0 (3)	HDMI 2.0 (3)	HDMI 2.0 (3)	HDMI 2.0 (3)	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	USB 2.0 x 2
	Output	Video	N/A	N/A	N/A	N/A	N/A	
		Audio	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
	WiFi / BT	N/A	N/A	N/A	N/A	N/A	N/A	
	External Control	O/O	O/O	O/O	O/O	O/O	O / O	
Speaker	RS232C (In/Out), RJ45	RS232C (In/Out), RJ45	RS232C (In/Out), RJ45	RS232C (In/Out), RJ45	RS232C (In/Out), RJ45	RS232C (In/Out), RJ45		
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	1,904.3 x 1,085.3 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	2,077 x 1,222 x 210
	Weight (kg)	Set	8.8	11.8	15.7	21.5	33.4	41.9
		Package	11.3	14.9	19.9	28.0	43.5	53.9
	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)	13.4 (Even)	13.9 (Even)	13.9 (Even)		
Features	Key	UHD Signage with Built-in MagicInfoS10, SSSP10.0						
	Internal Player	Operating System	Tizen 7.0	Tizen 7.0	Tizen 7.0	Tizen 7.0	Tizen 7.0	
		Processor	CA531.3GHz Quad-Core	CA531.3GHz Quad-Core	CA531.3GHz Quad-Core	CA531.3GHz Quad-Core	CA531.3GHz Quad-Core	CA531.3GHz Quad-Core
	H/W	Storage (FDM)	8GB (3GB available)	8GB (3GB available)	8GB (3GB available)	8GB (3GB available)	8GB (3GB available)	8GB (3GB available)
		Temperature Sensor	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	2nd Gen. B2B Design Center IR
	Special	S/W	Auto Level	Auto Level	Auto Level	Auto Level	Auto Level	Auto Level
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	Wi-Fi (2.4/5.0GHz dual) & BT		
Certification	Safety	60950-1/62368-1	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 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	ENERGY STAR 8.0, EPEAT	
	IP Rating	IP5x	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)	802.1x (WPA2 Enterprise)	
	PowerSupply	: EAP-TLS, EAP-TTLS, EAP-PEAP	: EAP-TLS, EAP-TTLS, EAP-PEAP	: EAP-TLS, EAP-TTLS, EAP-PEAP	: EAP-TLS, EAP-TTLS, EAP-PEAP	: EAP-TLS, EAP-TTLS, EAP-PEAP	: EAP-TLS, EAP-TTLS, EAP-PEAP	
Power	Power Consumption	Max[W/h]	121	132	154	187	214.5	231
		Typical[W/h]	74	82	84	104	129	159
	Sleep mode	less than 0.5W	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	0°C~ 40°C	
	Relative Humidity	10~80%	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	Quick Setup Guide, Warranty Card, Power Cord	
		RS232C (In) Gender Remote Controller & Batteries	RS232C (In) Gender Remote Controller & Batteries	RS232C (In) Gender Remote Controller & Batteries	RS232C (In) Gender Remote Controller & Batteries	RS232C (In) Gender Remote Controller & Batteries	RS232C (In) Gender Remote Controller & Batteries	
Optional	Stand Mount	WMN-L4355C	WMN-L4355C	WMN-L4355C	WMN-L6585C	WMN-L6585C	WMN-L6585C	

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Smart Signage

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2023-10

SAMSUNG



Crystal UHD Signage

QBC series

Slim design. Stunning performance.

Introducing the QBC 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.



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.



Energy star / EPEAT Bronze

QBC 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.