

Specifications

SAMSUNG

Model		QB43C	QB50C	QB55C	QB65C	QB75C	QB85C	
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.)	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%	3%	2%	2%	5%	5%	
	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 1053.01 (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	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	N/A
		Audio	Stereo mini Jack	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	N/A
	WiFi / BT	O/O	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	RS232C (In/Out), RJ45	
	Speaker	10W 2ch	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			TBD	TBD	TBD	TBD	TBD	TBD
Weight (kg)		Set	1,093 x 667 x 126	1,246 x 761 x 131	1,403 x 835 x 148	TBD	TBD	TBD
		Package	TBD	TBD	TBD	TBD	TBD	TBD
VESA Mount		200 x 200	200 x 200	200 x 200	400 x 300	400 x 400	400 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)	13.4 (Even)	13.9 (Even)		
Features	Key	UHD Signage with Built-in MagicInfoS10, SSSP10.0						
		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	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	Ambient Sensor	Temperature Sensor	Temperature Sensor	Temperature Sensor	Temperature Sensor	Temperature Sensor	Temperature Sensor
		Auto Level	Auto Level	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	Wi-Fi (2.4/5.0GHz dual) & BT	Wi-Fi (2.4/5.0GHz dual) & BT
		Signage New Home Workspace (Microsoft365/VMWare/RDP) Custom Home Auto Source	Signage New Home Workspace (Microsoft365/VMWare/RDP) Custom Home Auto Source	Signage New Home Workspace (Microsoft365/VMWare/RDP) Custom Home Auto Source	Signage New Home Workspace (Microsoft365/VMWare/RDP) Custom Home Auto Source	Signage New Home Workspace (Microsoft365/VMWare/RDP) Custom Home Auto Source	Signage New Home Workspace (Microsoft365/VMWare/RDP) Custom Home Auto Source	Signage New Home Workspace (Microsoft365/VMWare/RDP) Custom Home Auto Source
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) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x (WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x (WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x (WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x (WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x (WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	
	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	AC100 - 240 V, 50/60 Hz	
Power	Power Consumption	Max[W/h]	TBD	TBD	TBD	TBD	TBD	
		Typical[W/h]	TBD	TBD	TBD	TBD	TBD	
Operating Condition	Temperature	less than 0.5W	less than 0.5W	less than 0.5W	less than 0.5W	less than 0.5W	less than 0.5W	
	Relative Humidity	0°C~ 40°C	0°C~ 40°C	0°C~ 40°C	0°C~ 40°C	0°C~ 40°C	0°C~ 40°C	
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	WMN-B505C	WMN-B505C	WMN-B505C	WMN-B505C	N/A	
Mount	TBD	TBD	TBD	TBD	TBD	TBD		
Specialty	TBD	TBD	TBD	TBD	TBD	TBD		

* This specification is not a finalized version, so some specifications may change at the end of June.

About Samsung Electronics Co., Ltd.

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, digital appliances, medical equipment, network systems, and semiconductor and LED solutions. For the latest news, please visit the Samsung Newsroom at news.samsung.com.

Smart Signage

For more information about Samsung Smart Signage, visit www.samsung.com/business

Copyright © 2023 Samsung Electronics Co. Ltd. All rights reserved. Samsung is a registered trademark of Samsung Electronics Co. Ltd. Specifications and designs are subject to change without notice. Non-metric weights and measurements are approximate. All data were deemed correct at time of creation. Samsung is not liable for errors or omissions. All brand, product, service names and logos are trademarks and/or registered trademarks of their respective owners and are hereby recognized and acknowledged.

Samsung Electronics Co., Ltd.
416, Maetan 3-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-772, Korea

2023-06



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 required.



Energy star / EPEAT Bronze

Samsung is making diverse efforts to reduce our environmental impact in smart signage, and encouraging users to pursue a more sustainable life.