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 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.

Specifications

Model			QB43C	QB50C	QB55C	QB65C	QB75C	QB85C
Display Panel	Diagonal Size	Class	43	50	55	65	75	85
		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%	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 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)	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
		Tuner	N/A	N/A	N/A	N/A	N/A	N/A
	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 / in.)	Set	969.5 x 557.8 x 28.5 mm / 38.2 x 22 x 1.1 in.	1,124.1 x 644.8 x 28.5 mm / 44.3 x 25.4 x 1.1 in.	1,237.9 x 708.8 x 28.5 mm / 48.7 x 27.9 x 1.1 in.	1,456.8 x 831.9 x 28.5 mm / 57.4 x 32.8 x 1.1 in.	1,682.3 x 960.4 x 28.5 mm / 66.2 x 37.8 x 1.1 in.	1,904.3 x 1,085.3 x 28.5 mm / 75 x42.7 x 1.1 in.
		Package	1,093 x 667 x 126 mm / 43 x 26.3 x 5 in.	1,246 x 761 x 131 mm / 49 x 30 x 5.2 in.	1,403 x 835 x 148 mm / 55.2 x 32.9 x 5.8 in.	1,616 x 945 x 164 mm / 63.6 x 37.2 x 6.5 in.	1,839 x 1,113 x 180 mm / 72.4 x 43.8 x 7 in.	2,077 x 1,222 x 210 mm / 81.8 x 48.1 x 8.3 in.
	Weight (kg / lbs.)	Set	8.8 kg / 19.4 lbs.	11.8 kg / 26 lbs.	15.7 kg / 34.6 lbs.	21.5 kg / 47.4 lbs.	33.4 kg / 73.6 lbs.	41.9 kg / 92.4 lbs.
		Package	11.3 kg / 24.9 lbs.	14.9 kg / 32.8 lbs.	19.9 kg / 43.9 lbs.	28.6 kg / 63 lbs.	44.1 kg / 97.2 lbs.	53.9 kg / 118.8 lbs.
	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)	11.5 (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	UHD Signage with Built-in MagicInfoS10, SSSP10.0	UHD Signage with Built-in MagicInfoS10, SSSP10.0	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	CA53 1.3GHz Quad-Core	CA53 1.3GHz Quad-Core	CA53 1.3GHz Quad-Core	CA53 1.3GHz Quad-Core	CA53 1.3GHz Quad-Core	CA53 1.3GHz Quad-Core
		Storage (FDM)	8GB (3GB available)	8GB (3GB available)	8GB (3GB available)	8GB (3GB available)	8GB (3GB available)	8GB (3GB available)
	Special	H/W	2nd Gen. B2B Design Center IR Temperature Sensor Ambient Sensor Auto Level Wi-Fi (2.4/5.0GHz dual) and BT	2nd Gen. B2B Design Center IR Temperature Sensor Ambient Sensor Auto Level Wi-Fi (2.4/5.0GHz dual) and BT	2nd Gen. B2B Design Center IR Temperature Sensor Ambient Sensor Auto Level Wi-Fi (2.4/5.0GHz dual) and BT	2nd Gen. B2B Design Center IR Temperature Sensor Ambient Sensor Auto Level Wi-Fi (2.4/5.0GHz dual) and BT	2nd Gen. B2B Design Center IR Temperature Sensor Ambient Sensor Auto Level Wi-Fi (2.4/5.0GHz dual) and BT	2nd Gen. B2B Design Center IR Temperature Sensor Ambient Sensor Auto Level Wi-Fi (2.4/5.0GHz dual) and BT
		S/W	Signage New Home Workspace (Microsoft365/VMWare/RDP) Custom Home Auto Source Switching & Recovery Dicom Simulation Mode Director Mode Upgradable Web-Engine Tizen Enterprise Platform Video Conference Solution Smart Calibration (Basic)	Signage New Home Workspace (Microsoft365/VMWare/RDP) Custom Home Auto Source Switching & Recovery Dicom Simulation Mode Director Mode Upgradable Web-Engine Tizen Enterprise Platform Video Conference Solution Smart Calibration (Basic)	Signage New Home Workspace (Microsoft365/VMWare/RDP) Custom Home Auto Source Switching & Recovery Dicom Simulation Mode Director Mode Upgradable Web-Engine Tizen Enterprise Platform Video Conference Solution Smart Calibration (Basic)	Signage New Home Workspace (Microsoft365/VMWare/RDP) Custom Home Auto Source Switching & Recovery Dicom Simulation Mode Director Mode Upgradable Web-Engine Tizen Enterprise Platform Video Conference Solution Smart Calibration (Basic)	Signage New Home Workspace (Microsoft365/VMWare/RDP) Custom Home Auto Source Switching & Recovery Dicom Simulation Mode Director Mode Upgradable Web-Engine Tizen Enterprise Platform Video Conference Solution Smart Calibration (Basic)	Signage New Home Workspace (Microsoft365/VMWare/RDP) Custom Home Auto Source Switching & Recovery Dicom Simulation Mode Director Mode Upgradable Web-Engine Tizen Enterprise Platform Video Conference Solution Smart Calibration (Basic)
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		802.1 x (WPA2 Enterprise): EAP-TLS, EAP-TTLS, EAP-PEAP	802.1 x (WPA2 Enterprise): EAP-TLS, EAP-TTLS, EAP-PEAP	802.1 x (WPA2 Enterprise): EAP-TLS, EAP-TTLS, EAP-PEAP	802.1 x (WPA2 Enterprise): EAP-TLS, EAP-TTLS, EAP-PEAP	802.1 x (WPA2 Enterprise): EAP-TLS, EAP-TTLS, EAP-PEAP	802.1 x (WPA2 Enterprise): EAP-TLS, EAP-TTLS, EAP-PEAP
Power	Power Supply		AC 100 - 240 V, 50/60 Hz	AC 100 - 240 V, 50/60 Hz	AC 100 - 240 V, 50/60 Hz	AC 100 - 240 V, 50/60 Hz	AC 100 - 240 V, 50/60 Hz	AC 100 - 240 V, 50/60 Hz
	Power Consumption	Max [W/h]	TBD	TBD	TBD	TBD	TBD	TBD
		Typical [W/h]	TBD	TBD	TBD	TBD	TBD	TBD
		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 RS232C (In) Gender Remote Controller and Batteries	Quick Setup Guide, Warranty Card, Power Cord RS232C (In) Gender Remote Controller and Batteries	Quick Setup Guide, Warranty Card, Power Cord RS232C (In) Gender Remote Controller and Batteries	Quick Setup Guide, Warranty Card, Power Cord RS232C (In) Gender Remote Controller and Batteries	Quick Setup Guide, Warranty Card, Power Cord RS232C (In) Gender Remote Controller and Batteries	Quick Setup Guide, Warranty Card, Power Cord RS232C (In) Gender Remote Controller and Batteries
	Optional	Stand	STN-L4355C	STN-L4355C	STN-L4355C	STN-L6585C	STN-L6585C	STN-L6585C
		Mount	WMN-B50SC	WMN-B50SC	WMN-B50SC	WMN-B50SC	WMN-B50SC	N/A
		Specialty	TBD	TBD	TBD	TBD	TBD	TBD

*Specs are preliminary.

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