

SAMSUNG



Crystal UHD Signage

QBC-N series Non-WiFi and Non-Bluetooth

Stunning performance for the most secure locations.

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. With no embedded WiFi, Bluetooth, Smart TV Features and equipped with Samsung KNOX Security, it's ideal for government, financial, and educational institutions, or anywhere network security is a priority.

Key features



Impactful and immersive 4K UHD

Smooth, ultra-high resolution video and picture quality offer a crisp, clear picture that's four times the detail of Full HD. It brings extra clarity to displays, especially when viewed up close.



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.



Safe and Secure

With no WiFi or Bluetooth, your operations are more secure, keeping key information in front of the right people.



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.



TAA Compliant

Manufactured in Mexico to comply with the federal Trade Agreements Act (TAA). Samsung monitors offer high performance and reliability, while complying with the federal Trade Agreements Act (19 U.S.C. and 2501-2581).

Specifications

Model			QB55C-N	QB65C-N	QB75C-N	QB85C-N	
Display Panel	Diagonal Size	Class	55"	65"	75"	85"	
		Measured	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)	
	Brightness (Typ.)		350 nit	350 nit	350 nit	350 nit	
	Orientation		Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	
	Haze		2%	2%	2%	2%	
	Contrast Ratio (Typ.)		4,000:1	4,000:1	4,000:1	4,000:1	
	Type		VA	VA	VA	VA	
	Active Display Area		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)		0.315 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%		
Operation Hour		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)	
		Audio	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	
		Tuner	N/A	N/A	N/A	N/A	
	Output	Video	N/A	N/A	N/A	N/A	
		Audio	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	
		USB	N/A	N/A	N/A	N/A	
	WiFi / BT		No / No	No / No	No / No	No/No	
	External Control		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	
Mechanical Spec	Dimension (mm / in.)	Set	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 x 42.7 x 1.1 in.	
		Package	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	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	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	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	
Bezel Width (mm)		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	
	Internal Player	Operating System	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	
		Storage (FDM)	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	2nd Gen. B2B Design Center IR Temperature Sensor Ambient Sensor Auto Level	2nd Gen. B2B Design Center IR Temperature Sensor Ambient Sensor Auto Level	2nd Gen. B2B Design Center IR Temperature Sensor Ambient Sensor Auto Level	
		S/W	Signage New Home Workspace (Microsoft365/VMWare/RDP) Custom Home Auto Source HDR Support 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 HDR Support 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 HDR Support 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 HDR Support 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
		EMC		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
		IP Rating		IP5x	IP5x	IP5x	IP5x
Power	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	
	Power Consumption	Max [W/h]	154	187	214.5	231	
		Typical [W/h]	84	104	129	159	
		Sleep mode	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	
	Relative Humidity		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	
	Optional	Stand	STN-L4355C	STN-L6585C	STN-L6585C	STN-L6585C	
		Mount	WMN-B505C	WMN-B505C	WMN-B505C	N/A	

*Specs are preliminary.

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