

# 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)   | 13.9 (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)   |
|                            |                       | Design   | 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  | 2nd Gen. B2B Design Center IR Temperature Sensor Ambient Sensor Auto Level  | 2nd Gen. B2B Design Center IR Temperature Sensor Ambient Sensor Auto Level  |
|                            | Special               | Wi-Fi  | 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  | 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  |   |
| Power                      | Power Supply          | 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  |   |
|                            |                       | Max[W/h]   | TBD   | TBD   | TBD   | TBD   | TBD   | TBD   |
| Operating Condition        | Power Consumption     | Typical[W/h]                                     | 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  |   |
|                            |                       | Temperature                                      | 0°C~ 40°C   | 0°C~ 40°C   | 0°C~ 40°C   | 0°C~ 40°C   | 0°C~ 40°C   |   |
| Accessories                | Relative Humidity     | Included   | 10~80%  | 10~80%  | 10~80%  | 10~80%  | 10~80%  |   |
|                            |                       |  | 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  |   |
| Optional                   | Specialty             | 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  |   |
|                            |                       | STN-L4355C                                       | STN-L4355C  | STN-L4355C  | STN-L6585C  | STN-L6585C  | N/A   |   |
| TBD                        | TBD                   | TBD  | TBD   | TBD   | TBD   | TBD   |   |   |

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

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## Smart Signage

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# 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

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**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.
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**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.
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**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.
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**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.
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**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.