ComX Computers
Product Specification Sheet

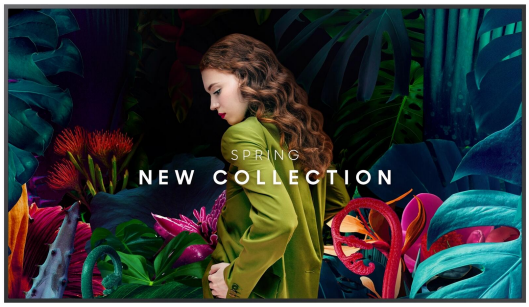
58QB65C

Samsung QBC Series QB65C VA UHD 3840x216 Signage Display - 16/7 usage

Product Overview

Samsung QBC Series QB65C VA UHD 3840x216 Signage Display, 16/7 usage, 350 nit typical brightness and 4000:1 contrast ratio, Ultra-Slim 28.5 mm depth Design, Even Bezel width of 11.5mm on All Four sides, Centered VESA mounting holes for Secure Portrait mode installation, Crystal Processor 4K with Dynamic Crystal Colour Technology, Tizen 7.0 Operating System with 8GB Flash Memory, 3x HDMI 2.0 inputs, 1x USB Port, Wifi, Bluetooth, RS232 In/Out, IR in, RJ45 poty, 16/7 Operation time support for Professional environments, VESA Mount compatible with 400x300 mm spacing









Specifications

Summary Overview:

Enhance your business environment with the Samsung QBC Series 65" UHD Signage Display (QB65C), now available for purchase in South Africa. This ultra-slim 4K display combines stunning visuals with space-saving design, making it perfect for retail stores, offices, and medical facilities where professional presentation is key.

Equipped with Crystal Processor 4K technology and Dynamic Crystal Color, the QB65C delivers lifelike images with one billion shades of color. Its even bezel design ensures seamless video walls in both landscape and portrait modes, while Smart Calibration guarantees consistent branding across all your locations. With built-in professional modes like DICOM Simulation for medical use and Director Mode for content creators, this display is ready to meet diverse industry needs.

Upgrade your digital signage solution today by buying the Samsung QB65C online. Experience superior performance with 16/7 operation support and energy-efficient certifications that help reduce environmental impact while maximizing visual impact in any setting.

Performance tier: Premium Professional

Uses: Retail advertising, corporate information displays, medical imaging presentations, digital signage walls, educational institutions, hospitality environments

Overview:

Samsung 65" QBC Series UHD Signage Display - Ultra Slim 4K Professional Monitor
The Samsung 65-inch QBC Series display redefines professional signage with its ultra-slim profile and stunning visual performance. Designed for businesses that demand elegance without compromising on space, this model integrates seamlessly into any corporate or retail environment. The sleek design not only maximizes available area but also delivers a modern aesthetic that elevates the overall look of your venue. With an enhanced internal solution and an intuitive home screen interface, users can manage content effortlessly while maintaining high operational efficiency.

Description:

The Samsung 65" QBC Series UHD Signage Display (Part Number 58QB65C) combines a strikingly thin 28.5mm profile with powerful 4K performance. This professional monitor is engineered for continuous operation, offering lifelike color accuracy through Dynamic Crystal Color and the Crystal Processor 4K. Key benefits include an even bezel design that supports seamless portrait or landscape layouts, centered VESA holes for secure mounting stability, and a smart home UI for simplified content management. Whether used in medical settings with DICOM simulation or retail spaces requiring vibrant visuals, this display ensures brand consistency and visual impact.

To achieve maximum impact in minimum space, the QBC series boasts an unparalleled ultra-slim depth of just 28.5 mm, making it the thinnest option available in Samsung's UHD lineup. This slim form factor allows for installation using a Slim Fit Wall Mount, ensuring a neat and tidy appearance that blends perfectly with your surroundings. The design is optimized to provide visual clarity while occupying minimal physical footprint.

Visual consistency is maintained across all orientations thanks to the even bezel design. All four sides of the display feature the same thickness and dimensions, preventing any visual interruptions when switching between landscape and portrait modes. This uniformity ensures that the content remains the focal point without distracting frame elements.

Mounting security has been significantly improved with centered VESA holes on the rear panel. By shifting the mounting points to the center of the display, weight distribution is balanced evenly, allowing for stable installation in either orientation. This design adjustment prevents unintended tilting when the screen is rotated from landscape to portrait mode.

Color accuracy and immersion are brought to life with Dynamic Crystal Color technology. Every image is rendered with one billion shades of color, delivering true-to-life variations that allow viewers to appreciate every subtle detail in the content. This ensures that visuals are not only clear but also vibrant and engaging for the audience.

The Crystal Processor 4K enhances video clarity and consistency across all types of content. Powered by Samsung's Quantum Processor Lite 4K, this technology utilizes intelligent UHD upscaling to elevate lower-resolution footage to professional-grade UHD quality. The result is a sharp, clear picture that maintains high standards regardless of the source material.

User experience has been upgraded with an improved Home UI. Popular categories such as Favorites, Sources, and Settings are now displayed on a single screen for quick access. A dedicated Favorites folder allows users to reach frequently used tools with a single click, streamlining daily operations and reducing navigation time.

Maintaining brand consistency across multiple locations is simplified using the Smart Calibration mobile app. This tool ensures that every display in your network is calibrated correctly, showcasing brand logos and collateral in exact colors as required. It guarantees that your visual identity remains uniform whether viewed in a single room or across an entire franchise.

Professional environments benefit from built-in expert tools designed for specific verticals. Director Mode minimizes post-processing to align content with the original creative vision, while Medical teams can utilize DICOM Simulation Mode to view X-rays and other medical images that meet full grayscale standards. These specialized modes expand the utility of the display beyond standard signage.

Management of the display network is streamlined through Samsung VXT CMS, a cloud-based solution that combines content management with remote device control. Users can remotely adjust hardware settings, troubleshoot issues, and deploy new content without requiring prior training. This capability ensures smooth operations across large-scale deployments.

Sustainability efforts are reflected in the product's certifications, including Energy Star and EPEAT recognition. Samsung has made diverse efforts to reduce environmental impact through smart signage solutions, encouraging users to adopt more sustainable practices. The QBC series meets rigorous standards for environmentally preferable products recognized by leading U.S. institutes.

Features:

Key Features

- Ultra-slim 28.5 mm depth for space-efficient installation
- 65-inch UHD panel with 3,840 x 2,160 resolution
- Dynamic Crystal Color delivering one billion shades
- Crystal Processor 4K for intelligent upscaling
- Even bezel design supporting portrait and landscape modes
- Centered VESA holes for balanced mounting stability
- Smart Calibration app for consistent brand colors
- DICOM Simulation Mode for medical imaging
- Samsung VXT CMS for remote content and device management
- Tizen 7.0 OS with enhanced Home UI

Technical Specifications

- Display Size: 65 inches (Diagonal)
- Panel Type: VA
- Brightness: 350 nits typical
- Contrast Ratio: 4,000:1 (Dynamic: Mega)
- Viewing Angle: 178/178 degrees
- Response Time: 8ms
- Color Gamut: 72% NTSC
- Glass Haze: 2%
- H-Scanning Frequency: 30~81kHz
- V-Scanning Frequency: 48~75Hz
- Power Supply: AC100-240V 50/60Hz
- Power Consumption (On): 187 W
- Power Consumption (Sleep): 0.5 W
- Set Dimensions: 1456.8 x 831.9 x 28.5 mm
- Package Dimensions: 1616 x 945 x 164 mm
- Set Weight: 21.5 kg

- VESA Mount Size: 400 x 300 mm
- Bezel Width: 11.5mm (Even)
- Operating Temperature: 0 degrees C~ 40 degreesC
- Humidity: 10 ~ 80%, non-condensing

Connectivity & Interfaces

- HDMI Inputs: 3 (Version 2.0)
- USB Ports: 2
- IR In: Yes
- Audio Out: Stereo Mini Jack
- RS232 In/Out: Yes
- RJ45 LAN: Yes
- WiFi & Bluetooth: Built-in support
- HDCP Version: 2.2
- No DisplayPort or Audio Input

Software & System

- Operating System: Tizen 7.0
- Flash Memory Size: 8GB
- EMC Certification: Class B
- Safety Standards: IEC 60950-1, 62368-1

What's in the box:

- Samsung UHD Signage Display (Model QB65C)
- Power Cord
- Remote Control with Batteries
- User Manual and Warranty Card
- Note: Slim Fit Wall Mount (WMN-B50SC) must be purchased separately
- Note: Stand (STN-L6585C) is an optional accessory

The Samsung 65-inch QBC Series display offers a robust solution for businesses seeking high performance in a compact form factor. With its focus on design, color accuracy, and ease of management, this signage monitor stands out as a reliable choice for modern environments.

Specifications:

Display	
Diagonal Size	65"
Panel Type	VA
Resolution	3,840 x 2,160
Pixel Pitch (HxV)	0.372x0.372mm
Brightness (Typ)	350 nit
Contrast Ratio	4,000:1
Viewing Angle (H/V)	178/178
Response Time	8ms
Color Gamut	72% (NTSC)

Glass Haze	2%
H-Scanning Frequency	30~81kHz
Maximum Pixel Frequency	594MHz
V-Scanning Frequency	48~75Hz
Contrast Ratio (Dynamic)	Mega
Operation Time Support	16/7
Connectivity	
HDMI In	3
DP In	No
Version of HDMI	2
Version of DP	No
Version of HDCP	2.2
USB	2
IR In	Yes
Audio In	No
Audio Out	Stereo Mini Jack
RS232 In	Yes
RS232 Out	Yes
RJ45 In	Yes
WiFi	Yes
Bluetooth	Yes
Power	
Power Supply	AC100-240V 50/60Hz
Power Consumption (On Mode)	187 W
Power Consumption (Sleep Mode)	0.5 W
Dimension	
Set Dimension (WxHxD)	1456.8 x 831.9 x 28.5 mm
Package Dimension (WxHxD)	1616 x 945 x 164 mm
Weight	
Set Weight	21.5 kg
Package Weight	28.0 kg
Operation Conditions	
Temperature	0 degreesC~ 40 degreesC
Humidity	10 ~ 80%, non-condensing
Mechanical Specification	
VESA Mount	400 x 300 mm
Bezel Width	11.5mm (even)

Bezel Color	Charcoal Black
Frame Material	Non-Glossy
Optional Feature	
Mount	WMN-B50SC
Stand	STN-L6585C
SoC	
OS Version	Tizen 7.0
Flash Memory Size	8GB
Certification and Compliance	
EMC	Class B
Safety	60950-1, 62368-1

FAQ

Is the Samsung QB65C suitable for 24/7 continuous operation?
No, this display is designed for a 16/7 usage schedule and supports operation within temperatures of 0 degrees C to 40 degreesC.

Can I mount this display in portrait mode without stability issues?
Yes, the QBC Series features centered VESA holes that evenly distribute weight, preventing the screen from tilting unintentionally when used vertically.

Does this model include a wall mount for installation?
The Slim Fit Wall Mount is not included with the display and must be purchased separately to achieve the ultra-slim depth profile.

What connectivity options are available for connecting external devices?
The unit includes three HDMI 2.0 inputs, two USB ports, RS232 In/Out, RJ45 network connectivity, and built-in WiFi and Bluetooth support.

How does the display ensure consistent image quality across multiple screens?
You can use the Samsung mobile app with Smart Calibration to guarantee brand consistency by calibrating every display to show logos and collateral in exact colors.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx.co.za/58QB65C-Samsung-QBC-Series-QB65C-VA-UHD-3840x216-Signage-Display-16-7-usage-p-342557.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx.co.za/terms-of-use.php
Terms of Sale: https://www.comx.co.za/terms-of-sale.php

PDF generated: 2026-11-20 21:29:31.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.