

Samsung QH98C QHC Series (LH98QHCEBGCXEN)

Samsung QH98C - 98" Diagonal Class (97.5" viewable) - QHC Series LED-backlit LCD display - digital signage - Tizen OS - 4K UHD (2160p) 3840 x 2160 - slate black



The Samsung QH98C offers a 98-inch 4K UHD display that makes a striking impression in any setting, perfect for digital signage and commercial use. With a resolution of 3840 x 2160 and a brightness of 700 cd/m2, visuals remain crisp and vivid, even in brightly lit environments. This display features a slim design with an even bezel, ensuring it integrates seamlessly into any setting while attracting attention. Equipped with the SMART Signage Platform with MagicInfo S10 Player and customizable home UI. It supports multiple connection options, including HDMI, DisplayPort, and LAN, making it versatile for various setups. The display's environmental compliance with ENERGY STAR certification ensures energy efficiency while operating reliably 24 hours a day.

Key Selling Points

- 98-inch 4K UHD display with 3840 x 2160 resolution
- SMART Signage Platform with MagicInfo S10 Player for easy content management
- Connectivity options including HDMI, USB, and LAN
- Energy-efficient design complying with ENERGY STAR standards
- Versatile usage modes: portrait, landscape, and director mode

Product Features

- Vivid display quality**
The QH98C features a 4K UHD (2160p) resolution combined with a brightness of 700 cd/m2, ensuring images are vibrant and details are clearly visible, making it ideal for impactful presentations.
- Intelligent content delivery**
The integrated SMART Signage Platform allows users to manage content easily through the MagicInfo S10 Player, simplifying the process of displaying multimedia across various environments.
- Comprehensive connectivity**
With multiple connectivity options including HDMI, DisplayPort, USB, and LAN ports, the QH98C provides flexibility in connecting to various devices and networks for seamless operation.
- Energy saving features**
Certified by ENERGY STAR, the display operates efficiently, consuming only 270 watts during operation and a mere 0.5 watts in sleep mode, contributing to reduced energy costs.
- Durable and reliable performance**
Designed for commercial use, the QH98C supports continuous operation and adheres to environmental standards, ensuring long-lasting performance in demanding conditions.

Main specifications

Product Description	Samsung QH98C QHC Series - 98" Class (97.5" viewable) LED-backlit LCD display - 4K - for digital signage
Product Type	LED-backlit LCD flat panel display
Diagonal Class	98"
Diagonal Size	97.5"
Commercial Use	Yes - digital signage
Colour	Slate black
Platform	Tizen OS
Resolution	3840 x 2160
Display Format	4K UHD (2160p)
Video Interface	HDMI
HDMI Ports Qty	3 ports
Connectivity	Wi-Fi, Bluetooth, LAN
PC Interface	DisplayPort
Technology	VA
LCD Backlight Technology	LED backlight
Image Aspect Ratio	16:9
TV Tuner	No tuner

Commercial Features	SMART Signage Platform, Samsung VXT CMS, Home UI, MagicInfo S10 Player, Auto Source Switching & Recovery, Auto Level, Signage New Home, Custom Home, upgradable web-engine, Tizen Enterprise Platform, VMWare, Microsoft 365
Picture Enhancements	Mega Dynamic Contrast Ratio, 72% Colour Gamut NTSC, Intelligent UHD upscaling, Dynamic Crystal Color
Speaker System	2 channel
Storage Capacity	16 GB (available 10 GB)
USB	2 ports
Included Accessories	Remote control
Voltage	AC 100-240 V (50/60 Hz)
Power Consumption Operational	270 watt
Dimensions (WxDxH) - without stand	219.32 cm x 4.81 cm x 124.88 cm
Weight	56.3 kg
Environmental Standards	ENERGY STAR Qualified, EPEAT Bronze

Extended specification

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	10 - 80% (non-condensing)

Media Player

USB Port	Yes
USB Ports Qty	2
Configuration	ARM Cortex-A73 Quad-Core (1.6 GHz) 16 GB (available 10 GB)

Power

Power Device	Power supply
Input Voltage	AC 100-240 V (50/60 Hz)
Power Consumption Sleep	0.5 watt

Network & Internet Multimedia

Connectivity	Wi-Fi, Bluetooth, LAN
LAN Protocol	Ethernet
Encryption	WPA2-Enterprise, WPA3-Personal, EAP-TLS, EAP-TTLS, EAP-PEAP
Connect & Share	Samsung Smart View+

Dimensions & Weight (Shipping)

Width (Shipping)	237 cm
Depth (Shipping)	23 cm
Height (Shipping)	139.5 cm
Weight (Shipping)	77.2 kg

Sustainability Information

EPEAT Compliant	EPEAT Bronze
ENERGY STAR Certified	Yes
ENERGY STAR Version	8.0

Remote Control

Type	Remote control
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Battery Included	Yes
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Stands & Mounts

Flat Panel Mount Interface	600 x 400 mm
VESA Compatibility	Yes

Display

LCD Display Technology	VA
Pixel Pitch	0.562 mm
Resolution	3840 x 2160
Display Format	4K UHD (2160p)
Image Aspect Ratio	16:9
LCD Backlight Technology	LED backlight
Coating	25% Glass Haze, anti-glare
Image Contrast Ratio	5500:1
Brightness	700 cd/m ²
Viewing Angle	178 degrees
Viewing Angle (Vertical)	178 degrees
Commercial Features	SMART Signage Platform, Samsung VXT CMS, Home UI, MagicInfo S10 Player, Auto Source Switching & Recovery, Auto Level, Signage New Home, Custom Home, upgradable web-engine, Tizen Enterprise Platform, VMWare, Microsoft 365
Operation Hours / Days	24 / 7
Features	SSSP 10.0, Smart Calibration, Workspace, Center IR

General

Product Type	LED-backlit LCD flat panel display
Power Consumption (Max)	517 watt
Power Consumption Operational	270 watt
Diagonal Class	98"
Diagonal Size	97.5"
Commercial Use	Yes - digital signage
Series	QHC Series
Platform	Tizen OS
Operating System	Tizen OS 7.0
Video Processor	Quantum 4K Lite
TV Tuner	No tuner
TV Tuner Presence	No
Sensors	Ambient light sensor (ALS), temperature sensor
Video Interface	HDMI
HDMI Ports Qty	3 ports
PC Interface	DisplayPort
Modes	Director Mode, DICOM Simulation Mode, landscape mode, portrait mode
Picture Enhancements	Mega Dynamic Contrast Ratio, 72% Colour Gamut NTSC, Intelligent UHD upscaling, Dynamic Crystal Color
Design	Even Bezel Design, Slim Design
Dimensions	Without stand
Width	219.32 cm
Depth	4.81 cm
Height	124.88 cm
Weight	56.3 kg

Enclosure Colour	Slate black
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Audio System

Speaker System	2 channel
Output Power / Total	20 watt

Connections

Connector Type	3 x HDMI input ¦ DisplayPort input ¦ 2 x USB 2.0 ¦ Audio line-out ¦ RS-232 input ¦ RS-232 output ¦ LAN
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Miscellaneous

Cables Included	RS-232C (IN) adapter
Compliant Standards	EMC Class A, HDCP 2.2, Safety 60950-1, Safety 62368-1, IP5X

What's in the box

- Samsung QH98C
- Remote control
- Remote control battery
- RS-232C (IN) adapter

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