Samsung QM55C QMC Series - 55" Class (54.6" viewable) LED-backlit LCD display - Crystal UHD - 4K - for digital signage(LH55QMCEBGCXEN)

Samsung QM55C - 55" Diagonal Class (54.6" viewable) - QMC Series LED-backlit LCD display - Crystal UHD - digital signage - Tizen OS - 4K UHD (2160p) 3840 x 2160 - Edge LED - black

The Samsung QM55C commercial display is engineered to meet the demands of professional environments, offering a blend of performance, reliability, and quality. This 55-inch LED-backlit LCD flat panel display delivers 4K UHD resolution, ensuring vivid image clarity and dynamic colors for an immersive viewing experience. With features like SMART Signage Platform, Samsung VXT CMS, and Home UI, it's designed for 24-hour operation, making it an ideal choice for digital signage and commercial applications. The display's connectivity options, including HDMI, USB 2.0, and DisplayPort inputs, allow for seamless integration with a variety of devices. Certified by ENERGY STAR 8.0 and EPEAT Bronze, the Samsung QM55C not only offers superior performance but also adheres to environmental standards, making it a sustainable choice for businesses. Whether it's for retail, education, or any other professional setting, the Samsung QM55C enhances content delivery with its superior visual quality and operational efficiency.

Key Selling Points

QMC, slim display in Samsung's UHD Signage, ultra-slim 28.5 mm depth optimizes space
Dynamic Crystal Color, over one billion shades, delivers an immersive viewing experience
Powered by Quantum Processor Lite 4K, enhances content for clarity and consistency
SmartView+ enables wireless screen sharing makes collaboration easy and functional

Product Features

Maximum impact in minimum space
The QMC's unparalleled ultra-slim 28.5 mm depth makes it a thin option in Samsung's UHD series. It is compatible with a Slim Fit Wall Mount, which allows you to install it neatly and easily in any location. QMC optimizes space with its sleek design that blends seamlessly into your business environment.

Slim design, stunning performance
The QMC, a slim display in the Samsung UHD Signage. It brings elegance to your business display while maximizing space. Its enhanced internal solutions and intuitive home screen UX make it easy to use. Businesses in various verticals can achieve growth with QMC's efficiency and design innovation.

Clean visuals in landscape or portrait mode
The bezels are consistent and even on all four sides of the display, with the same thickness and dimensions. The uniform design allows for visual consistency when the display is adjusted to portrait mode.

Secure and even mounting
The central positioning of the VESA holes on the back of the display enable the weight to be evenly distributed for secure mounting. With the VESA holes now shifted to the center, users can adjust the display to portrait mode, while avoiding unintentional tilting.

Lifelike color for a pure, immersive viewing experience
Every picture is more immersive with one billion shades of color. Dynamic Crystal Color delivers true-to-life variations, allowing customers to see every subtlety.

View lifelike shades of color in powerful 4K
Samsung's video processing technology enhances every piece of content for clarity and consistency. Intelligent UHD upscaling technology, powered by Samsung's Quantum Processor Lite 4K, elevates lower-resolution video to UHD, providing a professional picture quality.

Ensure critical information is always visible
QMC displays feature reliable, non-glare panels that provide better visibility from all angles, any time of day. The non-glare display enables businesses to deliver accurate information in crucial locations, such as airports and train stations.

Connect with convenience
QMC boasts greater usability with an upgraded home screen UI. For the ultimate convenience, popular categories such as Favorites, Sources, and Settings are displayed on the home screen, all available in one place. The Favorites folder grants users quick, easy access to frequently used features in a single click.

High-speed collaboration between screens, all wire-free
SmartView+ enables wireless screen sharing without cable connections, ensuring easy collaboration. Users can enable the screen sharing function at the start of the meeting, allowing administrators to switch which screens are shared with no wires necessary.

Simplified calibration between screens with mobile app
Guaranteed brand consistency across every display in every location. Using the Samsung mobile app, Smart Calibration ensures accuracy for every display, with precise calibration that showcases logos and other collateral in the exact brand colors, as required.

Main Specifications

Product Description	Samsung QM55C QMC Series - 55" Class (54.6" viewable) LED-backlit LCD display - Crystal UHD - 4K - for digital signage
Product Type	LED-backlit LCD flat panel display - Crystal UHD
Energy Label QR Code URL	Https://eprel.ec.europa.eu/qr/1588325
Diagonal Class	55"
Diagonal Size	54.6"
Commercial Use	Yes - digital signage
Colour	Black
Platform	Tizen OS
Resolution	3840 x 2160
Display Format	4K UHD (2160p)
Video Interface	HDMI
HDMI Ports Qty	3 ports
Connectivity	Wi-Fi, LAN, Bluetooth
PC Interface	DisplayPort
Technology	VA
LCD Backlight Technology	LED backlight - Edge LED
Image Aspect Ratio	16:9
TV Tuner	No tuner
Commercial Features	SMART Signage Platform, Auto Source Switching & Recovery, Tizen Zero Config, Tizen Business Manager, MagicInfo S10 Player, Custom Home, Tizen Enterprise Platform, Samsung VXT CMS, Home UI, Chromium M94 Web Engine (upgradeable), Microsoft 365, VMWare, 11th generation SoC (Pontus ML)
Picture Enhancements	Mega Dynamic Contrast Ratio, Dynamic Crystal Color, Intelligent UHD upscaling, 72% Colour Gamut NTSC
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)
Energy Class	Class G
Power Consumption Operational	102 Watt
Power Consumption Stand by	0.5 Watt
Dimensions (WxDxH) - without stand	123.79 cm x 2.85 cm x 70.88 cm
Weight	15.7 kg
Environmental Standards	ENERGY STAR Qualified, EPEAT Bronze

Extended Specification

General

Product Type	LED-backlit LCD flat panel display - Crystal UHD
Energy Label QR Code URL	Https://eprel.ec.europa.eu/qr/1588325

Energy Class	Class G
Power Consumption Operational	102 Watt
Power Consumption SDR (On mode)	102 kWh/1000h
Diagonal Class	55"
Diagonal Size	54.6"
Commercial Use	Yes - digital signage
Series	QMC 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	Pivot Mode, Director Mode, DICOM Simulation Mode
Picture Enhancements	Mega Dynamic Contrast Ratio, Dynamic Crystal Color, Intelligent UHD upscaling, 72% Colour Gamut NTSC
Design	Slim Design
Dimensions	Without stand
Width	123.79 cm
Depth	2.85 cm
Height	70.88 cm
Weight	15.7 kg
Enclosure Colour	Black

Miscellaneous

Cables Included	RS-232C (IN) adapter
Compliant Standards	Plug and Play, EMC Class B, IP5X, HDCP 2.2, IEC/EN 62368-1, Safety 60950-1, Safety 62368-1, TUV Rheinland Carbon Footprint

Power

Power Device	Power supply
Input Voltage	AC 100-240 V (50/60 Hz)
Power Consumption Stand by	0.5 Watt

Environmental Parameters

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

Display

LCD Display Technology	VA
Pixel Pitch	0.315 mm
Colour Support	16700000 colours
Resolution	3840 x 2160
Display Format	4K UHD (2160p)
Image Aspect Ratio	16:9
LCD Backlight Technology	LED backlight - Edge LED
Coating	Anti-glare, 25% Glass Haze

Image Contrast Ratio	4000:1
Brightness	500 cd/m²
Viewing Angle	178 degrees
Viewing Angle (Vertical)	178 degrees
Response Time	8 ms
Commercial Features	SMART Signage Platform, Auto Source Switching & Recovery, Tizen Zero Config, Tizen Business Manager, MagicInfo S10 Player, Custom Home, Tizen Enterprise Platform, Samsung VXT CMS, Home UI, Chromium M94 Web Engine (upgradeable), Microsoft 365, VMWare, 11th generation SoC (Pontus ML)
Operation Hours / Days	24 / 7
Features	Smart Calibration, key lock, Workspace

Connections

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

Audio System

Speaker System	2 channel
Output Power / Total	20 Watt

Remote Control

Type	Remote control
Battery Included	Yes

Dimensions & Weight (Shipping)

Width (Shipping)	140.3 cm
Depth (Shipping)	14.8 cm
Height (Shipping)	83.5 cm
Weight (Shipping)	19.9 kg

Network & Internet Multimedia

Connectivity	Wi-Fi, LAN, Bluetooth
LAN Protocol	Ethernet
Connect & Share	Samsung Smart View+

Stands & Mounts

Stand	Optional
Flat Panel Mount Interface	200 x 200 mm
VESA Compatibility	Yes

Media Player

USB Port	Yes
USB Ports Qty	2
Configuration	ARM Cortex-A73 Quad-Core (1.6 GHz) - 2.5 GB LPDDR4 - 16 GB (available 10 GB)

Sustainability Information

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