# UHD Signage

## QH98C / QM98C series

## Scale up your business with a super-sized screen

Elevate your business with the Samsung's premium 98-inch UHD signage. This expansive display wows viewers with stunningly realistic visuals and vibrant colors. Featuring a sleek and slim design, this expansive display combines elegance and functionality, enhancing any professional environment. The QH98C and QM98C boast an intuitive home screen UX and advanced internal solutions for seamless usability. Moreover, its spacious 98-inch screen provides a complete view without the distraction of bezels, ensuring a clean content experience.

## Key features

### Supersized screen
A 98-inch screen allows you to enjoy a complete view without the distraction of bezels, providing a clean and uncluttered presentation — perfect for both conference rooms and retail environments.

### Slim design
The QH98C and QM98C redefine space optimization with its sleek and slim design. Measuring only 48.1 mm / 1.9 in. in depth and weighing 56.3kg / 124 lbs., it is the thinnest 98-inch display in its class.

### Quantum Processor Lite 4K
Intelligent UHD upscaling technology, powered by Samsung's Quantum Processor 4K, elevates lower-resolution video to UHD-level quality, providing professional picture quality.
* Viewing experience may vary according to types of content and format.

### SMARTVIEW+
SMARTVIEW+ enables wireless screen sharing for easy collaboration and quick screen switching with just a click.

### Samsung VXT
Samsung VXT is the cloud-based visual display solution, bringing a content management system and remote signage management together in one secure platform.
* Samsung VXT must be purchased separately.

### ENERGY STAR / EPEAT Bronze
The QH98C and QM98C series have earned an ENERGY STAR 8.0 certification from the Environmental Protection Agency for its energy efficiency and an Electronic Product Environmental Assessment Tool (EPEAT) certification in recognition of its eco-conscious efforts, such as its recycled plastic use.

# Specifications

| | Model | | QH98C | QM98C |
|---|---|---|---|---|
| **Display Panel** | Diagonal Size | Class | 98" | 98 |
| | | Measured | 97.5 | 97.5 |
| | Resolution | | 3,840 x 2,160 (16:9) | 3,840 x 2,160 (16:9) |
| | Brightness (Typ.) | | 700 nit | 500 nit |
| | Orientation | | Landscape/Portrait | Landscape/Portrait |
| | Haze | | 25% | 25% |
| | Contrast Ratio (Typ.) | | 5,500:1 | 5,500:1 |
| | Type | | VA | VA |
| | Active Display Area (mm) | | 2,158.85 (H) x 1,214.35 (V) | 2,158.85 (H) x 1,214.35 (V) |
| | Pixel Pitch (mm) | | 0.562 x 0.562 | 0.562 x 0.562 |
| | Color Gamut | | NTSC 72% | NTSC 72% |
| | Operation Hour | | 24/7 | 24/7 |
| **Connectivity / Sound** | INPUT | VIDEO | DP1.2 (1), HDMI 2.0 (3) | DP1.2 (1), HDMI 2.0 (3) |
| | | AUDIO | N/A | N/A |
| | | USB | USB 2.0 x 2 | USB 2.0 x 2 |
| | | TUNER | N/A | N/A |
| | OUTPUT | VIDEO | N/A | N/A |
| | | AUDIO | Stereo mini Jack | Stereo mini Jack |
| | | USB | N/A | N/A |
| | External Control | | RS232C (In/Out), RJ45 | RS232C (In/Out), RJ45 |
| | Speaker | | 10W 2ch | 10W 2ch |
| **Mechanical Spec** | Dimension (mm / in.) | Set | 2,193.2 x 1,248.8 x 48.1 mm / 86.3 x 49.2 x 1.9 in. | 2,193.2 x 1,248.8 x 48.1 mm / 86.3 x 49.2 x 1.9 in. |
| | | Package | 2,370 x 1,395 x 230 mm / 93.3 x 55 x 9 in. | 2,370 x 1,395 x 230 mm / 93.3 x 55 x 9 in. |
| | Weight (kg / lbs.) | Set | 56.3 kg / 124 lbs. | 56.3 kg / 124 lbs. |
| | | Package | 77.2 kg / 170.2 lbs. | 77.2 kg / 170.2 lbs. |
| | VESA Mount | | 600 x 400 | 600 x 400 |
| | VESA Mount Screw (Min~Max) | | M8, 16~18mm | M8, 16~18mm |
| | Bezel Width (mm) | | 14.8 (Even) | 14.8 (Even) |
| **Design** | Bezel Color | | Slate Black | Slate Black |
| **Features** | Key | | UHD Signage with Built-in MagicInfo S10, SSSP10.0 | UHD Signage with Built-in MagicInfo S10, SSSP10.0 |
| | Internal Player | Operating System | Tizen 7.0 | Tizen 7.0 |
| | | Processor | CA73 1.6GHz Quad-Core | CA73 1.6GHz Quad-Core |
| | | Storage (FDM) | 16 GB(10 GB available) | 16 GB(10 GB available) |
| | Special | H/W | 2nd Gen. B2B Design<br>Center IR<br>Temperature Sensor<br>Ambient Sensor<br>Auto Level<br>Wi-Fi(2.4/5.0GHz dual) & BT<br>Local Dimming | 2nd Gen. B2B Design<br>Center IR<br>Temperature Sensor<br>Ambient Sensor<br>Auto Level<br>Wi-Fi(2.4/5.0GHz dual) & BT<br>Local Dimming |
| | | S/W | Signage New Home<br>Workspace (Microsoft 365/VMware/RDP)<br>Custom Home<br>Auto Source Switching & Recovery<br>Dicom Simulation Mode<br>Director Mode<br>SMARTVIEW+<br>Upgradable Web-Engine<br>Tizen Enterprise Platform<br>Smart Calibration<br>HDR support | Signage New Home<br>Workspace (Microsoft 365/VMware/RDP)<br>Custom Home<br>Auto Source Switching & Recovery<br>Dicom Simulation Mode<br>Director Mode<br>SMARTVIEW+<br>Upgradable Web-Engine<br>Tizen Enterprise Platform<br>Smart Calibration<br>HDR support |
| **Certification** | Safety | | 60950-1 / 62368-1 | 60950-1 / 62368-1 |
| | EMC | | Class A | Class A |
| | Environment | | ENERGY STAR 8.0, EPEAT | ENERGY STAR 8.0, EPEAT |
| | IP Rating | | IP5x | IP5x |
| | Security | | 802.1x (WPA2 Enterprise):<br>EAP-TLS, EAP-TTLS, EAP-PEAP<br>WPA3-Personal | 802.1x (WPA2 Enterprise):<br>EAP-TLS, EAP-TTLS, EAP-PEAP<br>WPA3-Personal |
| **Power** | Power Supply | | AC 100 - 240 V, 50/60 Hz | AC 100 - 240 V, 50/60 Hz |
| | Power Consumption | Max [W/h] | 517 | 363 |
| | | Typical [W/h] | 270 | 197 |
| | | Sleep mode | less than 0.5W | less than 0.5W |
| **Operating Condition** | Temperature | | 0°C~ 40°C | 0°C~ 40°C |
| | Relative Humidity | | 10~80% | 10~80% |
| **Accessories** | Included | | Quick Setup Guide,<br>Warranty Card,<br>Power Cord<br>RS232C(IN) Gender<br>Remote Controller & Batteries | Quick Setup Guide,<br>Warranty Card,<br>Power Cord<br>RS232C(IN) Gender<br>Remote Controller & Batteries |
| | Optional | Stand | N/A | N/A |
| | | Mount | WMN-8200SC | WMN-8200SC |
| | | Specialty | | |

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