Samsung QM85C Digital signage flat panel 2.16 m (85") LCD Wi-Fi 500 cd/m² 4K Ultra HD Black Tizen 24/7

Product family: QMC Brand: Samsung **Product code:**

LH85QMCEBGCXEN

Product name: QM85C

- Ultra Slim Depth
- Even Bezel
- Centered VESA Holes

85", VA, 4K UHD (3840 x 2160), 500 nit, 4000:1, 178/178, 10 ms, Bluetooth, WiFi, RJ-45, HDCP, DP, HDMI, RS232, AC 100-240V, 50/60Hz, $1904.3 \times 1085.3 \times 28.5$ mm, 41.9 kg Samsung QM85C. Product design: Digital signage flat panel. Display diagonal: 2.16 m (85"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 500 cd/m², HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Tizen. Product colour: Black





| Display Design Panel type VA Screen shape Flat LED backlight ✓ VESA mounting * ✓ Display diagonal * 2.16 m (85°) Panel mounting interface 600 x 400 mm Display technology * LCD Bezel width (bottom) 1.39 cm Display presolution * 3840 x 2160 pixels Bezel width (top) 1.39 cm Display brightness * 500 cd/m² Bezel width (top) 1.39 cm HD type * 4k Ultra HD Bezel colour Charcoal Black Touchscreen * X Performance Response time 10 ms Purpose * Universal Contrast ratio (typical) 4000:1 Operating hours (hours/days) 24/7 Dynamic contrast ratio marketing name Mega Contrast HDCP ✓ Inserting angle, horizontal 178° HDCP ✓ Viewing angle, horizontal 178° Power ✓ Viewing angle, vertical 178° Power ✓ Viewing angle, vertical 215 cm Ac input voltag | | | | |
|--|--|---|---|---|
| LED backlight V VESA mounting * V Display diagonal* 2.16 m (85") Panel mounting interface 600 x 400 mm Display technology* LCD Bezel width (bottom) 1.39 cm Display technology* 3840 x 2160 pixels Bezel width (ictom) 1.39 cm Display brightness* 500 cd/m² Bezel width (top) 1.39 cm HD type* 4K Ultra HD Bezel colour Charcoal Black Touchscreen * X Performance Response time 10 ms Purpose * Universal Contrast ratio (typical) 4000:1 Operating hours (hours/days) 24/7 Dynamic contrast ratio marketing angle, horizontal 178° HDCP / Viewing angle, horizontal 178° Power 22 Viewing angle, vertical 178° Power 330 W Pixel pitch 0.487 x 0.487 mm Power consumption (typical) * 330 W Display diagonal (metric) 215 cm Power consumption (sleep) 0.5 W Vertical scan range 48 - 75 Hz AC input of vidage <td>Display</td> <td></td> <td>Design</td> <td></td> | Display | | Design | |
| nameMega ContrastHDCPVerbidViewing angle, horizontal178°HDCP version2.2Viewing angle, vertical178°PowerPixel pitch0.487 x 0.487 mmPower consumption (typical) *330 WDisplay diagonal (metric)215 cmPower consumption (sleep)0.5 WHorizontal scan range30 · 81 kHzAC input voltage100 · 240 VVertical scan range48 · 75 HzAC input frequency50/60 HzHaze rate25%Computer systemPixel frequency (max)594 MHzOperating system installedTizenColour gamut72%Operating system version7.0Ports & interfacesWeight & dimensionsHDMI ports quantity *3Display width1904.3 mmHDMI input ports quantity3Display depth28.5 mmDVI port *XDisplay height1085.3 mmDVI port *XDisplay weight41.9 kgDisplayPorts in1Packaging dataDisplayPort version1.2Package width2077 mmUSB port *YPackage depth210 mmUSB ports quantity2Package height1222 mmUSB ports quantity2Package weight53.9 kg | Panel type LED backlight Display diagonal * Display technology * Display resolution * Display brightness * HD type * Touchscreen * Response time | 2.16 m (85") LCD 3840 x 2160 pixels 500 cd/m ² 4K Ultra HD X 10 ms | Screen shape VESA mounting * Panel mounting interface Bezel width (bottom) Bezel width (side) Bezel width (top) Bezel colour Performance Purpose * | 600 x 400 mm 1.39 cm 1.39 cm Charcoal Black |
| Viewing angle, vertical178°PowerPixel pitch0.487 x 0.487 mmPower consumption (typical)*330 WDisplay diagonal (metric)215 cmPower consumption (sleep)0.5 WHorizontal scan range30 - 81 kHzAC input voltage100 - 240 VVertical scan range48 - 75 HzAC input frequency50/60 HzHaze rate25%Computer systemPixel frequency (max)594 MHzOperating system installedTizenColour gamut72%Operating system version7.0Ports & interfacesHDMI ports quantity*3Weight & dimensionsHDMI version2.0Display width1904.3 mmHDMI input ports quantity3Display depth28.5 mmDVI port*XDisplay height1085.3 mmDisplayPorts quantity*1Display weight41.9 kgDisplayPort version1.2Packaging dataDisplayPort version1.2Package width2077 mmUSB port *YPackage depth210 mmUSB ports quantity2Package height1222 mmUSB ports quantity2Package height1222 mm | name | | HDCP | ✓ |
| Pixel frequency (max)594 MHzComputer systemColour gamut72%Operating system installedTizenPorts & interfacesWeight & dimensions7.0HDMI ports quantity *3Weight & dimensionsHDMI version2.0Display width1904.3 mmHDMI input ports quantity3Display depth28.5 mmDVI port *XDisplay height1085.3 mmDisplayPorts quantity *1Display weight41.9 kgDisplayPorts in1Packaging dataDisplayPort version1.2Package width2077 mmUSB port *✓Package depth210 mmUSB ports quantity2Package height1222 mmEthernet LAN *✓Package weight53.9 kg | Viewing angle, vertical 178° Pixel pitch 0.487 x 0.487 mm Display diagonal (metric) 215 cm Horizontal scan range 30 - 81 kHz | 0.487 x 0.487 mm 215 cm 30 - 81 kHz | Power consumption (typical) * Power consumption (sleep) AC input voltage | 0.5 W 100 - 240 V |
| HDMI ports quantity * 3 HDMI version 2.0 Display width 1904.3 mm HDMI input ports quantity 3 DVI port * X DisplayPorts quantity * 1 DisplayPorts in 1.2 Package width 2077 mm USB ports * ✓ Package depth 210 mm USB ports quantity 2 Ethernet LAN * ✓ Package weight 53.9 kg | Pixel frequency (max) | 594 MHz | Operating system installed | Tizen |
| HDMI ports quantity * 3 HDMI version 2.0 Display width 1904.3 mm HDMI input ports quantity 3 DVI port * X Display height 1085.3 mm DisplayPorts quantity * 1 DisplayPorts in 1 DisplayPort version 1.2 Package width 2077 mm USB port * ✓ Package depth 210 mm USB ports quantity * ✓ Package height 1222 mm Ethernet LAN * ✓ Package weight 53.9 kg | | | | 7.0 |
| DisplayPorts in1Packaging dataDisplayPort version1.2Package width2077 mmUSB port *✓Package depth210 mmUSB ports quantity2Package height1222 mmEthernet LAN *✓Package weight53.9 kg | HDMI version 2.0 HDMI input ports quantity 3 DVI port * DisplayPorts quantity * 1 DisplayPorts in 1 DisplayPort version 1.2 USB port * | 2.0 3 X | Display width Display depth Display height | 28.5 mm 1085.3 mm |
| Ethernet LAN * Package weight 53.9 kg | | 1 1.2 ✓ | Package width Package depth | 210 mm |
| Audio (L/R) out 1 Operating temperature (T-T) 0 - 40 °C | Ethernet LAN * Wi-Fi * | ✓ ✓ | Package weight Operational conditions | 53.9 kg |

| Ports & interfaces | | Operational conditions | |
|-----------------------|----------------------------|-----------------------------------|--------------------------|
| RS-232 interface | ✓ | Operating relative humidity (H-H) | 10 - 80% |
| Infrared data port | ✓ | Certificates | |
| Design | | Certification | Class B 60950-1, 62368-1 |
| Product design * | Digital signage flat panel | Other features | |
| Placement supported * | Indoor | Bluetooth | ✓ |
| Product colour * | Black | Flash memory | 16000 MB |
| | | Optional features | WMN-B50SC STN-L4355C |





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