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 * Response time VA 2.16 m (a) 3840 x 2 500 cd/m 4K Ultra X Response time 10 ms	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
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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	1	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 Indoor	Other features	
Placement supported *		Bluetooth	✓
Product colour *	Black	Flash memory	16000 MB
		Optional features	WMN-B50SC STN-L4355C



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