



# Samsung QB85C Digital signage flat panel 2.16 m (85") LCD Wi-Fi 350 cd/m<sup>2</sup> 4K Ultra HD Black Built-in processor Tizen 16/7



**Brand :** Samsung

**Product family:** QBC

**Product code:**  
LH85QBCEBGCXEN

**Product name :** QB85C

- Ultra Slim Depth
- Even bezel

- Centered VESA Holes

84.5", VA, 4K UHD (3840 x 2160), 350 nit, 4000:1, 178/178, 10 ms, WiFi, Bluetooth, RJ-45, HDCP, HDMI, RS232, AC 100-240V, 50/60Hz, 1904.3 x 1085.3 x 28.5 mm, 41.9 kg

Samsung QB85C. Product design: Digital signage flat panel. Display diagonal: 2.16 m (85"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 350 cd/m<sup>2</sup>, HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 16/7. Operating system installed: Tizen. Product colour: Black



Display		Design	
Panel type	VA	Bezel colour	Charcoal Black
Display diagonal *	2.16 m (85")	Mounting type	Wall
Display technology *	LCD	<b>Performance</b>	
Display resolution *	3840 x 2160 pixels	Purpose *	Universal
Display brightness *	350 cd/m <sup>2</sup>	Operating hours (hours/days)	16/7
HD type *	4K Ultra HD	HDCP	✓
Touchscreen *	✗	HDCP version	2.2
Response time	10 ms	<b>Power</b>	
Contrast ratio (typical)	4000:1	Power consumption (typical) *	231 W
Dynamic contrast ratio marketing name	Mega Contrast	Power consumption (sleep)	0.5 W
Viewing angle, horizontal	178°	AC input voltage	100-240 V
Viewing angle, vertical	178°	AC input frequency	50-60 Hz
Pixel pitch	0.487 x 0.487 mm	Energy efficiency scale	A to G
Horizontal scan range	30 - 81 kHz	<b>Computer system</b>	
Vertical scan range	48 - 75 Hz	Computer system *	✓
Haze rate	2%	Computer system type	System on Chip (SoC)
Pixel frequency (max)	594 MHz	Built-in processor *	✓
RGB colour space	NTSC	Operating system installed	Tizen
<b>Ports &amp; interfaces</b>		Operating system version	7.0
HDMI ports quantity *	3	<b>Weight &amp; dimensions</b>	
HDMI version	2.0	Display width	1904.3 mm
HDMI input ports quantity	3	Display depth	28.5 mm
DVI port *	✗	Display height	1085.3 mm
USB port *	✓	Display weight	41.9 kg
USB ports quantity	2	<b>Packaging data</b>	
Ethernet LAN *	✓	Package width	2077 mm
Ethernet LAN (RJ-45) ports	1	Package depth	210 mm
Wi-Fi *	✓	Package height	1222 mm
RS-232 interface	✓	Package weight	53.9 kg
Infrared data port	✓	<b>Packaging content</b>	
Remote (IR) input	1	Stand included	✗
<b>Design</b>		<b>Operational conditions</b>	
Product design *	Digital signage flat panel	Operating temperature (T-T)	0 - 40 °C
Placement supported *	Indoor	Operating relative humidity (H-H)	10 - 80%
Product colour *	Black	<b>Technical details</b>	
Screen shape	Flat	Audio out (mini jack)	1
VESA mounting *	✓		
Panel mounting interface	600 x 400 mm		

**Design**

Bezel width (bottom)	1.39 cm
Bezel width (side)	1.39 cm
Bezel width (top)	1.39 cm

**Other features**

Flash memory	8000 MB
RS-232 input ports	1
RS-232 output ports	1
RJ-45 input ports	1
Optional features	WMN-B50SC STN-L6585C



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