

Samsung QB85C Digital signage flat panel 2.16 m (85") LCD Wi-Fi 350 cd/m² 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, Wi-Fi, 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/m², HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 16/7. Operating system installed: Tizen. Product colour: Black

Display		Performance	
Panel type	VA	HDCP	✓
Display diagonal *	2.16 m (85")	HDCP version	2.2
Display technology *	LCD	Power	
Display resolution *	3840 x 2160 pixels	Power consumption (typical) *	231 W
Display brightness *	350 cd/m²	Power consumption (sleep)	0.5 W
HD type *	4K Ultra HD	Energy efficiency class (SDR)	G
Touchscreen *	✗	Energy consumption (SDR) per 1000 hours	159 kWh
Response time	10 ms	AC input voltage	100-240 V
Contrast ratio (typical)	4000:1	AC input frequency	50-60 Hz
Dynamic contrast ratio marketing name	Mega Contrast	Energy efficiency scale	A to G
Viewing angle, horizontal	178°	Computer system	
Viewing angle, vertical	178°	Computer system *	✓
Pixel pitch	0.487 x 0.487 mm	Computer system type	System on Chip (SoC)
Horizontal scan range	30 - 81 kHz	Built-in processor *	✓
Vertical scan range	48 - 75 Hz	Operating system installed	Tizen
Haze rate	2%	Operating system version	7.0
Pixel frequency (max)	594 MHz	Weight & dimensions	
RGB colour space	NTSC	Display width	1904.3 mm
Ports & interfaces		Display depth	28.5 mm
HDMI ports quantity *	3	Display height	1085.3 mm
HDMI version	2.0	Display weight	41.9 kg
HDMI input ports quantity	3	Packaging data	
DVI port *	✗	Package width	2077 mm
USB port *	✓	Package depth	210 mm
USB ports quantity	2	Package height	1222 mm
Ethernet LAN (RJ-45) ports	1	Package weight	53.9 kg
RS-232 interface	✓	Packaging content	
Infrared data port	✓	Stand included	✗
Remote (IR) input	1	Operational conditions	
Design		Operating temperature (T-T)	0 - 40 °C
Product design *	Digital signage flat panel	Operating relative humidity (H-H)	10 - 80%
Placement supported *	Indoor		
Product colour *	Black		

Design		Network	
Screen shape	Flat	Ethernet LAN *	✓
VESA mounting *	✓	Wi-Fi *	✓
Panel mounting interface	600 x 400 mm	Technical details	
Bezel width (bottom)	1.39 cm	Audio out (mini jack)	1
Bezel width (side)	1.39 cm	Other features	
Bezel width (top)	1.39 cm	Flash memory	8000 MB
Bezel colour	Charcoal Black	RS-232 input ports	1
Mounting type	Wall	RS-232 output ports	1
Performance		RJ-45 input ports	1
Purpose *	Universal	Optional features	WMN-B50SC STN-L6585C
Operating hours (hours/days)	16/7		



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