



## Samsung QB50C Digital signage flat panel 127 cm (50") 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:**  
LH50QBCEBGCXEN



**Product name :** QB50C

- Ultra Slim Depth

- Even bezel

- Centered VESA Holes

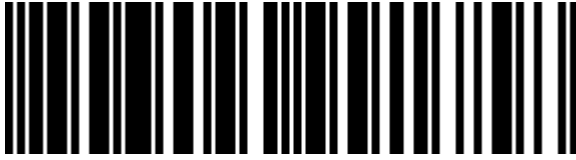
50", VA, 4K UHD (3840 x 2160), 350 nit, 4000:1, 178/178, 10 ms, WiFi, Bluetooth, RJ-45, HDCP, HDMI, RS232, AC 100-240V, 50/60Hz, 1124.1 x 644.8 x 28.5 mm, 11.8 kg

Samsung QB50C. Product design: Digital signage flat panel. Display diagonal: 127 cm (50"), 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		Performance	
Panel type	VA	Purpose *	Universal
Display diagonal *	127 cm (50")	Operating hours (hours/days)	16/7
Display technology *	LCD	HDCP	✓
Display resolution *	3840 x 2160 pixels	HDCP version	2.2
Display brightness *	350 cd/m <sup>2</sup>	<b>Power</b>	
HD type *	4K Ultra HD	Power consumption (typical) *	132 W
Touchscreen *	✗	Power consumption (sleep)	0.5 W
Response time	10 ms	Energy efficiency class (SDR)	G
Contrast ratio (typical)	4000:1	Energy consumption (SDR) per 1000 hours	82 kWh
Dynamic contrast ratio marketing name	Mega Contrast	AC input voltage	100-240 V
Viewing angle, horizontal	178°	AC input frequency	50-60 Hz
Viewing angle, vertical	178°	Energy efficiency scale	A to G
Pixel pitch	0.285 x 0.285 mm	<b>Computer system</b>	
Display diagonal (metric)	125 cm	Computer system *	✓
Horizontal scan range	30 - 81 kHz	Computer system type	System on Chip (SoC)
Vertical scan range	48 - 75 Hz	Built-in processor *	✓
Haze rate	2%	Operating system installed	Tizen
Pixel frequency (max)	594 MHz	Operating system version	7.0
RGB colour space	NTSC	<b>Weight &amp; dimensions</b>	
Colour gamut	72%	Display width	1124.1 mm
<b>Ports &amp; interfaces</b>		Display depth	28.5 mm
HDMI ports quantity *	3	Display height	644.8 mm
HDMI version	2.0	Display weight	11.8 kg
HDMI input ports quantity	3	<b>Packaging data</b>	
DVI port *	✗	Package width	1246 mm
USB port *	✓	Package depth	131 mm
USB ports quantity	2	Package height	761 mm
Ethernet LAN *	✓	Package weight	14.9 kg
Ethernet LAN (RJ-45) ports	1	<b>Packaging content</b>	
Wi-Fi *	✓	Stand included	✗
RS-232 interface	✓	<b>Operational conditions</b>	
Infrared data port	✓	Operating temperature (T-T)	0 - 40 °C
Remote (IR) input	1		

Design		Operational conditions	
Product design *	Digital signage flat panel	Operating relative humidity (H-H)	10 - 80%
Placement supported *	Indoor	<b>Certificates</b>	
Product colour *	Black	Certification	Class B 60950-1, 62368-1
Screen shape	Flat	<b>Technical details</b>	
VESA mounting *	✓	Audio out (mini jack)	1
Panel mounting interface	200 x 200 mm	<b>Other features</b>	
Bezel width (bottom)	1.15 cm	Bluetooth	✓
Bezel width (side)	1.15 cm	Flash memory	8000 MB
Bezel width (top)	1.15 cm	RS-232 input ports	1
Bezel colour	Charcoal Black	RS-232 output ports	1
Mounting type	Wall	RJ-45 input ports	1
		Optional features	WMN-B50SC STN-L4355C



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