

## 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	✓		
Infrared data port	✓		
Remote (IR) input	1		

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



8806094991758

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 24-FEB-2025. Prints or copies of Information are only valid on the printed Publication date