

Samsung QB50C Digital signage flat panel 127 cm (50") LCD Wi-Fi 350 cd/m² 4K Ultra HD Black Built-in processor Tizen 16/7

Product family: QBC Brand: Samsung **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/m², HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 16/7. Operating system installed: Tizen. Product colour: Black







Panel type VA Purpose * Universal Display dagonal * 127 cm (50") Operating hours (hours/days) 16/7 Display technology * LCD HDCP ✓ Display technology * LCD HDCP version 2.2 Display brightness * 350 cd/m² Power HD type * 4K Ultra HD Power consumption (typical) * 132 W Touchscreen * X Power consumption (typical) * 5 W Response time 10 ms Energy efficiency class (SDR) * 6 Contrast ratio (typical) 4000:1 Energy consumption (SDR) per 1000 * 82 kWh Dynamic contrast ratio marketing name Mega Contrast AC input voltage 100-240 V Viewing angle, horizontal 178° AC input voltage 100-240 V Viewing angle, vertical 178° AC input voltage 100-240 V Pixel pitch 0.285 x 0.285 mm Computer system ✓ Display diagonal (metric) 125 cm Computer system ✓ Vertical scan range 38 · 18 kHz Computer system t	Display		Performance	
Display brightness* 350 cd/m² 4K Ultra HD Touchscreen* X Response time 10 ms Energy efficiency class (SDR) G Contrast ratio (typical) 4000:1 Energy consumption (SDR) per 1000 hours hours hours Power consumption (SDR) per 1000 hours Response time 178° AC input voltage 100-240 V Viewing angle, horizontal 178° AC input voltage 100-240 V Viewing angle, vertical 178° AC input requency 50-60 Hz Display diagonal (metric) 125 cm Computer system Horizontal scan range 30 · 81 kHz Computer system V Viewicial scan range 48 · 75 Hz Computer system type System on Chip (SoC) Haze rate 2% Built-in processor V Pixel frequency (max) 594 MHz Operating system installed Tizen RGB colour space NTSC Operating system installed Tizen Colour gamut 72% Weight & dimensions Ports & interfaces HDMI ports quantity 3 Display width 1124.1 mm HDMI version 2.0 Display width 11.8 kg DVI port * X Subsports quantity 3 Display weight 11.8 kg DVI port * Y Subsports quantity 2 Package depth 13.1 mm HDMI ports quantity 4 Package depth 13.1 mm Ethermet LAN (R)-45) ports 1 Package height 761 mm NVI-FI* ARCHORAL 4 Operations of Computer system type Package height 761 mm NVI-FI* RS-232 interface / Packaging content NERMORE (IR) input Conditions	Panel type Display diagonal * Display technology *	el type VA blay diagonal * 127 cm (50") blay technology * LCD	Operating hours (hours/days) HDCP	16/7 √
HD type * KUltra HD Power consumption (typical) * 132 W Power Consumption (typical) * 132 W Power Consumption (sleep) 0.5 W Response time 10 ms Energy efficiency class (SDR) G Energy efficiency class (SDR) Power consumption (sleep) 0.5 W Webs Power consumption (sleep) 0.5 W Power consumption (special claep) 0.5 W Power consumption (special claep) 0.00-20 V Power consumption (special claep) 0.00-20 V Power consumption (special claep) 0.00-20 V Power case call the power case call to pow	• •	•	Power	
Display diagonal (metric) Horizontal scan range 30 - 81 kHz Computer system * Vertical scan range 48 - 75 Hz Computer system type System on Chip (SoC) Haze rate 2% Built-in processor * Vertical frequency (max) System on Chip (SoC) Built-in processor * Vertical scan range NTSC Operating system installed Tizen Tiz	Touchscreen * Response time Contrast ratio (typical) Dynamic contrast ratio marketing name Viewing angle, horizontal Viewing angle, vertical	4K Ultra HD 10 ms 4000:1 ratio marketing Mega Contrast izontal 178° 0.285 x 0.285 mm netric) 125 cm nge 30 - 81 kHz 48 - 75 Hz 2% ax) 594 MHz	Power consumption (typical) * Power consumption (sleep) Energy efficiency class (SDR) Energy consumption (SDR) per 10 hours AC input voltage AC input frequency	0.5 W G 00 82 kWh 100-240 V 50-60 Hz
Horizontal scan range 30 - 81 kHz Computer system * Vertical scan range 48 - 75 Hz Computer system type System on Chip (SoC) Haze rate 2% Built-in processor * Pixel frequency (max) 594 MHz Operating system installed Tizen RGB colour space NTSC Operating system version 7.0 Colour gamut 72% Weight & dimensions Ports & interfaces Display width 1124.1 mm HDMI ports quantity * 3 Display depth 28.5 mm HDMI version 2.0 Display height 644.8 mm HDMI input ports quantity 3 Display weight 11.8 kg DVI port * USB port * USB port * USB ports quantity 2 Packaging data USB ports quantity 2 Package weight 131 mm Ethernet LAN * Ethernet LAN * Ethernet LAN (RJ-45) ports 1 Package weight 14.9 kg Wi-Fi * RS-232 interface	•		Computer system	
Ports & interfaces Display width Display depth 28.5 mm HDMI ports quantity * 3 Display height 644.8 mm HDMI input ports quantity 3 Display weight 11.8 kg DVI port * USB port * USB ports quantity 2 Package width Package width 1246 mm Package depth 131 mm Ethernet LAN * Ethernet LAN (RJ-45) ports Wi-Fi * RS-232 interface Infrared data port Remote (IR) input Possible width Package weight Package weight Package weight Package weight Package weight Package weight Augustation Package weight Package weight Augustation Package weight Packag	Vertical scan range Haze rate Pixel frequency (max)		Computer system type Built-in processor * Operating system installed	System on Chip (SoC) ✓ Tizen
HDMI ports quantity * 3 HDMI version 2.0 HDMI input ports quantity 3 Display height 644.8 mm HDMI input ports quantity 3 Display weight 11.8 kg Packaging data USB port * USB ports quantity 2 Ethernet LAN * Ethernet LAN (RJ-45) ports 1 Wi-Fi * Wi-Fi * Remote (IR) input 1 Display depth 28.5 mm Ad4.8 mm Display height 644.8 mm Packaging data Packaging data Package width 1246 mm Package depth 131 mm Package depth 761 mm Package height 761 mm Package weight 14.9 kg Packaging content Stand included X Operational conditions	Colour gamut	72%	Weight & dimensions	
USB port *	HDMI ports quantity * HDMI version HDMI input ports quantity	2.0	Display depth Display height	28.5 mm 644.8 mm
RS-232 interface Infrared data port Remote (IR) input Packaging content Stand included Coperational conditions	SB port * SB ports quantity 2 thernet LAN * thernet LAN (RJ-45) ports 1	Package width Package depth Package height	131 mm 761 mm	
Remote (IR) input 1 Operational conditions		, ,	Packaging content	
Operational conditions	'		Stand included	×
Operating temperature (T-T) 0 - 40 °C			Operational conditions	
			Operating temperature (T-T)	0 - 40 °C

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



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