

Samsung QBB QB50B Digital signage flat panel 127 cm (50") LCD Wi-Fi 350 cd/m² 4K Ultra HD Black Built-in processor Tizen 6.5 16/7

Brand : Samsung

Product family: QBB

Product code:
LH50QBBEBGCXEN

Product name : QB50B

Samsung QBB QB50B. 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 6.5. 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 ²	Power	
HD type *	4K Ultra HD	Power consumption (typical) *	143 W
Touchscreen *	✗	Power consumption (sleep)	0.5 W
Response time	8 ms	Energy efficiency class (SDR)	G
Contrast ratio (typical)	4000:1	Energy consumption (SDR) per 1000 hours	91 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	Computer system	
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 6.5
Pixel frequency (max)	594 MHz	Weight & dimensions	
RGB colour space	DCI-P3	Display width	1121.4 mm
Colour gamut	92%	Display depth	46.3 mm
Ports & interfaces		Display height	643.9 mm
HDMI ports quantity *	3	Display weight	13.4 kg
HDMI version	2.0	Packaging data	
HDMI input ports quantity	3	Package width	1269 mm
DVI port *	✗	Package depth	152 mm
USB port *	✓	Package height	784 mm
USB ports quantity	2	Package weight	17.6 kg
Ethernet LAN *	✓	Operational conditions	
Ethernet LAN (RJ-45) ports	1	Operating temperature (T-T)	0 - 40 °C
Wi-Fi *	✓	Operating relative humidity (H-H)	10 - 80%
RS-232 interface	✓	Certificates	
Infrared data port	✓	Certification	Class B 60950-1, 62368-1
Remote (IR) input	1		

Design		Logistics data	
Product design *	Digital signage flat panel	Harmonized System (HS) code	85285210
Placement supported *	Indoor	Technical details	
Product colour *	Black	Audio out (mini jack)	1
Screen shape	Flat	Other features	
VESA mounting *	✓	Bluetooth	✓
Panel mounting interface	200 x 200 mm	Flash memory	8000 MB
Bezel width (bottom)	1.12 cm	RS-232 input ports	1
Bezel width (side)	9.2 mm	RS-232 output ports	1
Bezel width (top)	9.2 mm	RJ-45 input ports	1
Bezel colour	Charcoal Black	Optional features	WMN4070SG STN-L4355G
Mounting type	Wall		



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