

Samsung QM50B Digital signage flat panel 127 cm (50") VA Wi-Fi 500 cd/m² 4K Ultra HD Black Tizen 6.5 24/7

Brand : Samsung

Product code: LH50QMBEBGCXEN

Product name : QM50B



Samsung QM50B. Product design: Digital signage flat panel. Display diagonal: 127 cm (50"), Display technology: VA, Display resolution: 3840 x 2160 pixels, Display brightness: 500 cd/m², HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Tizen 6.5. Product colour: Black

Display		Design	
Panel type	VA	Mounting type	Wall
Display diagonal *	127 cm (50")	Performance	
Display technology *	VA	Purpose *	Universal
Display resolution *	3840 x 2160 pixels	Operating hours (hours/days)	24/7
Display brightness *	500 cd/m ²	HDCP	✓
HD type *	4K Ultra HD	HDCP version	2.2
Touchscreen *	✗	Power	
Response time	8 ms	Power consumption (typical) *	171 W
Contrast ratio (typical)	4000:1	Power consumption (sleep)	0.5 W
Viewing angle, horizontal	178°	AC input voltage	100 - 240 V
Viewing angle, vertical	178°	AC input frequency	50 - 60 Hz
Display number of colours	1 billion colours	Energy efficiency scale	A to G
Pixel pitch	0.285 x 0.285 mm	Computer system	
Number of displays	1	Computer system *	✓
Colour saturation	92%	Computer system type	System on Chip (SoC)
Horizontal scan range	30 - 81 kHz	Internal memory	16 GB
Vertical scan range	48 - 75 Hz	Operating system installed	Tizen 6.5
Haze rate	28%	Windows operating systems supported	✓
RGB colour space	DCI-P3	Weight & dimensions	
Ports & interfaces		Display width	1121.4 mm
HDMI ports quantity *	3	Display height	643.9 mm
HDMI version	2.0	Display weight	13.4 kg
HDMI input ports quantity	3	Width	1121.4 mm
DVI port *	✗	Depth	46.3 mm
DisplayPorts quantity *	1	Height	643.9 mm
DisplayPorts in	1	Weight	13.4 kg
USB port *	✓	Packaging data	
USB ports quantity	1	Package width	1269 mm
Ethernet LAN *	✓	Package depth	152 mm
Ethernet LAN (RJ-45) ports	1	Package height	784 mm
Wi-Fi *	✓	Package weight	17.6 kg
RS-232 interface	✓	Packaging content	
Infrared data port	✓	Remote control included	✓
Audio			
Built-in speaker(s) *	✗		

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%
Orientation	Horizontal/Vertical	Logistics data	
Product colour *	Black	Harmonized System (HS) code	85285210
VESA mounting *	✓	Features	
Panel mounting interface	200 x 200 mm	Suitable for indoor use	✓
		Wall mountable	✓



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