



Samsung QM50C Digital signage flat panel 127 cm (50") LCD Wi-Fi 500 cd/m² 4K Ultra HD Black Built-in processor Tizen 24/7

Brand : Samsung

Product family: QMC

Product code:
LH50QMCEPGCXEN



Product name : QM50C

50", IPS, 4K UHD (3840 x 2160), 500 nit, 1200:1, 178/178, 8 ms, WiFi, Bluetooth, RJ-45, HDCP, HDMI, DP, RS232, AC 100-240V, 50/60Hz, 1124.1 x 644.8 x 28.5 mm, 11.8 kg

Samsung QM50C. Product design: Digital signage flat panel. Display diagonal: 127 cm (50"), Display technology: LCD, 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. Product colour: Black



Display		Design	
Panel type	IPS	Bezel width (top)	1.15 cm
Display diagonal *	127 cm (50")	Bezel colour	Charcoal Black
Display technology *	LCD	Anti-glare screen	✓
Display resolution *	3840 x 2160 pixels	Performance	
Display brightness *	500 cd/m ²	Purpose *	Universal
HD type *	4K Ultra HD	Operating hours (hours/days)	24/7
Touchscreen *	✗	HDCP	✓
Response time	8 ms	HDCP version	2.2
Contrast ratio (typical)	1200:1	Power	
Dynamic contrast ratio marketing name	Mega Contrast	Power consumption (typical) *	132 W
Viewing angle, horizontal	178°	Power consumption (sleep)	0.5 W
Viewing angle, vertical	178°	Energy efficiency class (SDR)	G
Pixel pitch	0.285 x 0.285 mm	Energy consumption (SDR) per 1000 hours	85 kWh
Display diagonal (metric)	125 cm	AC input voltage	100 - 240 V
Horizontal scan range	30 - 81 kHz	AC input frequency	50/60 Hz
Vertical scan range	48 - 75 Hz	Energy efficiency scale	A to G
Haze rate	25%	Computer system	
Pixel frequency (max)	594 MHz	Computer system *	✓
RGB colour space	NTSC	Computer system type	System on Chip (SoC)
Colour gamut	72%	Built-in processor *	✓
Ports & interfaces		Operating system installed	Tizen
HDMI ports quantity *	3	Operating system version	7.0
HDMI version	2.0	Weight & dimensions	
HDMI input ports quantity	3	Display width	1124.1 mm
DVI port *	✗	Display depth	28.5 mm
DisplayPorts quantity *	1	Display height	644.8 mm
DisplayPorts in	1	Display weight	11.8 kg
DisplayPort version	1.2	Packaging data	
USB port *	✓	Package width	1246 mm
USB ports quantity	2	Package depth	131 mm
Ethernet LAN *	✓	Package height	761 mm
Ethernet LAN (RJ-45) ports	1	Package weight	14.9 kg
Wi-Fi *	✓		
RS-232 interface	✓		
Infrared data port	✓		

Ports & interfaces		Operational conditions	
Remote (IR) input	1	Operating temperature (T-T)	0 - 40 °C
Design		Operating relative humidity (H-H)	10 - 80%
Product design *	Digital signage flat panel	Technical details	
Placement supported *	Indoor	Audio out (mini jack)	1
Product colour *	Black	Other features	
Screen shape	Flat	Bluetooth	✓
VESA mounting *	✓	Flash memory	16000 MB
Panel mounting interface	200 x 200 mm	RS-232 input ports	1
Bezel width (bottom)	1.15 cm	RS-232 output ports	1
Bezel width (side)	1.15 cm	RJ-45 input ports	1



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