



## Samsung QH50C Digital signage flat panel 127 cm (50") LCD Wi-Fi 700 cd/m<sup>2</sup> 4K Ultra HD Black Built-in processor Tizen 24/7

**Brand :** Samsung

**Product family:** QHC

**Product code:**  
LH50QHCEBGCXEN



**Product name :** QH50C

Samsung QH50C. Product design: Digital signage flat panel. Display diagonal: 127 cm (50"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 700 cd/m<sup>2</sup>, HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Tizen. Product colour: Black



Display		Design	
Panel type	VA	Bezel colour	Charcoal Black
Display diagonal *	127 cm (50")	<b>Performance</b>	
Display technology *	LCD	Purpose *	Universal
Display resolution *	3840 x 2160 pixels	Operating hours (hours/days)	24/7
Display brightness *	700 cd/m <sup>2</sup>	HDCP	✓
HD type *	4K Ultra HD	HDCP version	2.2
Touchscreen *	✗	<b>Power</b>	
Response time	10 ms	Power consumption (typical) *	165 W
Contrast ratio (typical)	4000:1	Power consumption (sleep)	0.5 W
Dynamic contrast ratio marketing name	Mega Contrast	Energy efficiency class (SDR)	G
Viewing angle, horizontal	178°	Energy consumption (SDR) per 1000 hours	108 kWh
Viewing angle, vertical	178°	AC input voltage	100 - 240 V
Pixel pitch	0.285 x 0.285 mm	AC input frequency	50/60 Hz
Display diagonal (metric)	125 cm	Energy efficiency scale	A to G
Horizontal scan range	30 - 81 kHz	<b>Computer system</b>	
Vertical scan range	48 - 75 Hz	Computer system *	✓
Haze rate	25%	Computer system type	System on Chip (SoC)
Pixel frequency (max)	594 MHz	Built-in processor *	✓
RGB colour space	NTSC	Operating system installed	Tizen
Colour gamut	72%	Operating system version	7.0
<b>Ports &amp; interfaces</b>		<b>Weight &amp; dimensions</b>	
HDMI ports quantity *	3	Display width	1124.1 mm
HDMI version	2.0	Display depth	28.5 mm
HDMI input ports quantity	3	Display height	644.8 mm
DVI port *	✗	Display weight	12.4 kg
DisplayPorts quantity *	1	<b>Packaging data</b>	
DisplayPorts in	1	Package width	1246 mm
DisplayPort version	1.2	Package depth	131 mm
USB port *	✓	Package height	761 mm
USB ports quantity	2	Package weight	16.2 kg
Ethernet LAN *	✓	<b>Operational conditions</b>	
Ethernet LAN (RJ-45) ports	1	Operating temperature (T-T)	0 - 40 °C
Wi-Fi *	✓		
RS-232 interface	✓		
Infrared data port	✓		

Ports & interfaces		Operational conditions	
Remote (IR) input	1	Operating relative humidity (H-H)	10 - 80%
Design		Certificates	
Product design *	Digital signage flat panel	Certification	Class B 60950-1, 62368-1
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	16000 MB
Bezel width (bottom)	1.15 cm	RS-232 input ports	1
Bezel width (side)	1.15 cm	RS-232 output ports	1
Bezel width (top)	1.15 cm	RJ-45 input ports	1
		Optional features	WMN-B50SC STN-L4355C



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