

Samsung QH50C Digital signage flat panel 127 cm (50") LED Wi-Fi 700 cd/m² 4K Ultra HD Black Built-in processor Tizen 24/7

Brand : Samsung

Product code: LH50QHCEBGXEN

Product name : QH50C



Samsung QH50C. Product design: Digital signage flat panel. Display diagonal: 127 cm (50"), Display technology: LED, Display resolution: 3840 x 2160 pixels, Display brightness: 700 cd/m², HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Tizen. Product colour: Black



Display		Design	
LED backlighting type	Edge-LED	Panel mounting interface	200 x 200 mm
Display diagonal *	127 cm (50")	Performance	
Display technology *	LED	Operating hours (hours/days)	24/7
Display resolution *	3840 x 2160 pixels	Power	
Display brightness *	700 cd/m ²	Power consumption (typical) *	108 W
HD type *	4K Ultra HD	Power consumption (standby) *	0.5 W
Native aspect ratio	16:9	Energy efficiency class (SDR)	G
Response time	8 ms	Energy consumption (SDR) per 1000 hours	108 kWh
Contrast ratio (typical)	4000:1	Energy efficiency scale	A to G
Viewing angle, horizontal	178°	Computer system	
Viewing angle, vertical	178°	Computer system *	✓
Display number of colours	16.7 million colours	Computer system type	System on Chip (SoC)
Pixel pitch	0.285 x 0.285 mm	Built-in processor *	✓
Active display area (W x H)	1095.5 x 616.4 mm	Processor manufacturer	ARM
Display diagonal (metric)	125 cm	Processor family	ARM Cortex
Frame width	11.5 mm	Processor model	A73
Haze rate	25%	Processor frequency	1.6 GHz
Ports & interfaces		Processor cores	4
HDMI ports quantity *	3	Internal memory	16 GB
HDMI version	2.2	Operating system installed	Tizen
DisplayPorts quantity *	1	Operating system version	Tizen 7.0
DisplayPorts in	1	Weight & dimensions	
USB port *	✓	Display width	1124.1 mm
USB ports quantity	2	Display depth	28.5 mm
USB version	2.0	Display height	644.8 mm
Ethernet LAN *	✓	Display weight	12.4 kg
Ethernet LAN (RJ-45) ports	1	Packaging data	
Wi-Fi *	✓	Package width	1246 mm
RS-232C	✓	Package depth	131 mm
Audio		Package height	761 mm
Built-in speaker(s) *	✓		
Number of built-in speakers	2		

Audio		Packaging data	
RMS rated power	10 W	Package weight	15.5 kg
Design		Operational conditions	
Product design *	Digital signage flat panel	Operating temperature (T-T)	0 - 40 °C
Product colour *	Black	Operating relative humidity (H-H)	10 - 80%
VESA mounting *	✓		



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