SAMSUNG

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: LH50QHCEBGCXEN

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

LED backlighting type	Edge-LED
Display diagonal *	127 cm (50")
Display technology *	LED
Display resolution *	3840 x 2160 pixels
Display brightness *	700 cd/m²
HD type *	4K Ultra HD
Native aspect ratio	16:9
Response time	8 ms
Contrast ratio (typical)	4000:1
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours	16.7 million colours
Pixel pitch	0.285 x 0.285 mm
Active display area (W x H)	1095.5 x 616.4 mm
Display diagonal (metric)	125 cm
Frame width	11.5 mm
Haze rate	25%

Ports & interfaces

HDMI ports quantity *	3
HDMI version	2.2
DisplayPorts quantity *	1
DisplayPorts in	1
USB port *	✔
USB ports quantity	2
USB version	2.0
Ethernet LAN *	✔
Ethernet LAN (RJ-45) ports	1
Wi-Fi *	✔
RS-232C	✔

Audio

Built-in speaker(s) *	✔
Number of built-in speakers	2

Design

Panel mounting interface	200 x 200 mm

Performance

Operating hours (hours/days)	24/7

Power

Power consumption (typical) *	108 W
Power consumption (standby) *	0.5 W
Energy efficiency class (SDR)	G
Energy consumption (SDR) per 1000 hours	108 kWh
Energy efficiency scale	A to G

Computer system

Computer system *	✔
Computer system type	System on Chip (SoC)
Built-in processor *	✔
Processor manufacturer	ARM
Processor family	ARM Cortex
Processor model	A73
Processor frequency	1.6 GHz
Processor cores	4
Internal memory	16 GB
Operating system installed	Tizen
Operating system version	Tizen 7.0

Weight & dimensions

Display width	1124.1 mm
Display depth	28.5 mm
Display height	644.8 mm
Display weight	12.4 kg

Packaging data

Package width	1246 mm
Package depth	131 mm
Package height	761 mm

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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