SAMSUNG
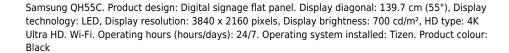
Samsung QH55C Digital signage flat panel 139.7 cm (55") LED Wi-Fi 700 cd/m² 4K Ultra HD Black Built-in processor Tizen 24/7

Brand : Samsung

Product code: LH55QHCEBGCXEN

Product name : QH55C

Samsung QH55C. Product design: Digital signage flat panel. Display diagonal: 139.7 cm (55"), 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 backlight	✓		Panel mounting interface	200 x 200 mm
LED backlighting type	Edge-LED		**Performance**	
Display diagonal *	139.7 cm (55")		Operating hours (hours/days)	24/7
Display technology *	LED		**Power**	
Display resolution *	3840 x 2160 pixels		Power consumption (typical) *	109 W
Display brightness *	700 cd/m²		Power consumption (standby) *	0.5 W
HD type *	4K Ultra HD		Energy efficiency class (SDR)	G
Native aspect ratio	16:9		Energy consumption (SDR) per 1000 hours	109 kWh
Response time	8 ms		Energy efficiency scale	A to G
Contrast ratio (typical)	4000:1		**Computer system**	
Viewing angle, horizontal	178°		Computer system *	✓
Viewing angle, vertical	178°		Computer system type	System on Chip (SoC)
Display number of colours	16.7 million colours		Built-in processor *	✓
Active display area (W x H)	1209.6 x 680.4 mm		Processor manufacturer	ARM
Display diagonal (metric)	138 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
USB port *	✓		**Weight & dimensions**	
USB ports quantity	2		Display width	1237.9 mm
USB version	2.0		Display depth	28.5 mm
Ethernet LAN *	✓		Display height	708.8 mm
Ethernet LAN (RJ-45) ports	1		Display weight	16.9 kg
Wi-Fi *	✓		**Packaging data**	
RS-232 interface	✓		Package width	1403 mm
Audio			Package depth	148 mm
Built-in speaker(s) *	✓		Package height	835 mm
Number of built-in speakers	2			
RMS rated power	10 W			

Design

Product design *	Digital signage flat panel
Product colour *	Black
VESA mounting *	✔

Packaging data

Package volume	21100 cm³

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	10 - 80%

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