Samsung QB50C Digital signage flat panel 127 cm (50") LCD Wi-Fi 350 cd/m² 4K Ultra HD Black Built-in processor Tizen 16/7

Brand : Samsung

Product family: QBC

Product code:
LH50QBCEBGCXEN

Product name : QB50C

- Ultra Slim Depth
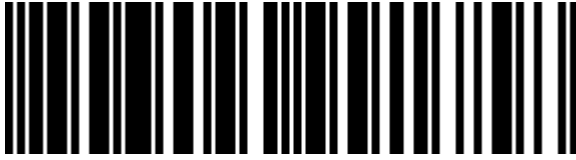- Even bezel
- Centered VESA Holes

50", VA, 4K UHD (3840 x 2160), 350 nit, 4000:1, 178/178, 10 ms, WiFi, Bluetooth, RJ-45, HDCP, HDMI, RS232, AC 100-240V, 50/60Hz, 1124.1 x 644.8 x 28.5 mm, 11.8 kg
Samsung QB50C. Product design: Digital signage flat panel. Display diagonal: 127 cm (50"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 350 cd/m², HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 16/7. Operating system installed: Tizen. Product colour: Black

Display

Panel type	VA
Display diagonal *	127 cm (50")
Display technology *	LCD
Display resolution *	3840 x 2160 pixels
Display brightness *	350 cd/m²
HD type *	4K Ultra HD
Touchscreen *	✘
Response time	10 ms
Contrast ratio (typical)	4000:1
Dynamic contrast ratio marketing name	Mega Contrast
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Pixel pitch	0.285 x 0.285 mm
Display diagonal (metric)	125 cm
Horizontal scan range	30 - 81 kHz
Vertical scan range	48 - 75 Hz
Haze rate	2%
Pixel frequency (max)	594 MHz
RGB colour space	NTSC
Colour gamut	72%

Ports & interfaces

HDMI ports quantity *	3
HDMI version	2.0
HDMI input ports quantity	3
DVI port *	✘
USB port *	✔
USB ports quantity	2
Ethernet LAN *	✔
Ethernet LAN (RJ-45) ports	1
Wi-Fi *	✔
RS-232 interface	✔
Infrared data port	✔
Remote (IR) input	1

Performance

Purpose *	Universal
Operating hours (hours/days)	16/7
HDCP	✔
HDCP version	2.2

Power

Power consumption (typical) *	132 W
Power consumption (sleep)	0.5 W
Energy efficiency class (SDR)	G
Energy consumption (SDR) per 1000 hours	82 kWh
AC input voltage	100-240 V
AC input frequency	50-60 Hz
Energy efficiency scale	A to G

Computer system

Computer system *	✔
Computer system type	System on Chip (SoC)
Built-in processor *	✔
Operating system installed	Tizen
Operating system version	7.0

Weight & dimensions

Display width	1124.1 mm
Display depth	28.5 mm
Display height	644.8 mm
Display weight	11.8 kg

Packaging data

Package width	1246 mm
Package depth	131 mm
Package height	761 mm
Package weight	14.9 kg

Packaging content

Stand included	✘

Operational conditions

Operating temperature (T-T)	0 - 40 °C

Design

Product design *	Digital signage flat panel
Placement supported *	Indoor
Product colour *	Black
Screen shape	Flat
VESA mounting *	✔
Panel mounting interface	200 x 200 mm
Bezel width (bottom)	1.15 cm
Bezel width (side)	1.15 cm
Bezel width (top)	1.15 cm
Bezel colour	Charcoal Black
Mounting type	Wall

Operational conditions

Operating relative humidity (H-H)	10 - 80%

Certificates

Certification	Class B 60950-1, 62368-1

Technical details

Audio out (mini jack)	1

Other features

Bluetooth	✔
Flash memory	8000 MB
RS-232 input ports	1
RS-232 output ports	1
RJ-45 input ports	1
Optional features	WMN-B50SC STN-L4355C

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