

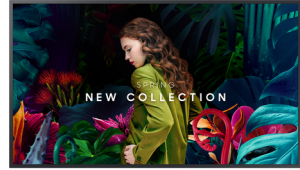
Samsung QB50C-N Digital signage flat panel 127 cm (50") LED 350 cd/m² 4K Ultra HD Black Built-in processor Tizen 7.0 16/7

Brand : Samsung

Product family: QBC-N

Product code:
LH50QBCNBGCXEN

Product name : QB50C-N



Samsung QB50C-N. Product design: Digital signage flat panel. Display diagonal: 127 cm (50"), Display technology: LED, Display resolution: 3840 x 2160 pixels, Display brightness: 350 cd/m², HD type: 4K Ultra HD. Operating hours (hours/days): 16/7. Operating system installed: Tizen 7.0. Product colour: Black

Display		Performance	
Panel type	VA	HDCP version	2.2
Display diagonal *	127 cm (50")	Power	
Display technology *	LED	Power consumption (typical) *	132 W
Display resolution *	3840 x 2160 pixels	Power consumption (standby) *	0.5 W
Display brightness *	350 cd/m ²	Energy efficiency class (SDR)	G
HD type *	4K Ultra HD	Energy consumption (SDR) per 1000 hours	82 kWh
Touchscreen *	✗	AC input voltage	100 - 240 V
Response time	8 ms	AC input frequency	50/60 Hz
Contrast ratio (typical)	4000:1	Energy efficiency scale	A to G
Dynamic contrast ratio marketing name	Mega Contrast	Computer system	
Viewing angle, horizontal	178°	Built-in processor *	✓
Viewing angle, vertical	178°	Internal memory	8 GB
Pixel pitch	0.285 x 0.285 mm	Operating system installed	Tizen 7.0
Display diagonal (metric)	125 cm	Video formats supported	HEVC/H.265
Colour saturation	72%	Weight & dimensions	
Horizontal scan range	30 - 81 kHz	Display width	1124.1 mm
Vertical scan range	48 - 75 Hz	Display depth	28.5 mm
Native refresh rate	60 Hz	Display height	644.8 mm
Haze rate	2%	Display weight	11.8 kg
RGB colour space	NTSC	Packaging data	
Ports & interfaces		Package width	1246 mm
HDMI ports quantity *	3	Package depth	131 mm
HDMI version	2.0	Package height	761 mm
HDMI input ports quantity	3	Package weight	14.9 kg
DVI port *	✗	Packaging content	
USB port *	✓	Remote control included	✓
USB ports quantity	2	Batteries included	✓
Ethernet LAN (RJ-45) ports	1	Cables included	AC, RS-232, USB
RS-232 interface	✓	Mounting kit	✓
Remote (IR) input	1	Operational conditions	
PC Audio out	✓	Operating temperature (T-T)	0 - 40 °C
Audio			
Built-in speaker(s) *	✗		

Design		Operational conditions	
Product design *	Digital signage flat panel	Operating relative humidity (H-H)	10 - 80%
Placement supported *	Indoor	Storage temperature (T-T)	-20 - 45 °C
Product colour *	Black	Storage relative humidity (H-H)	5 - 95%
Screen shape	Flat	Network	
VESA mounting *	✓	Ethernet LAN *	✓
Panel mounting interface	200 x 200 mm	Wi-Fi *	✗
Bezel width (bottom)	1.15 cm	Technical details	
Bezel width (side)	1.15 cm	Processor	Quantum Lite 4K Processor
Bezel width (top)	1.15 cm	Sustainability compliance	✓
Mounting type	Wall	Sustainability certificates	ENERGY STAR, EPEAT
Performance		Compliance certificates	TÜV mark
Purpose *	Commercial	Other features	
Operating hours (hours/days)	16/7	Sound modes	Dolby Audio
HDCP	✓	On/off switch	✓



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