Samsung QM50B Digital signage flat panel 127 cm (50") VA Wi-Fi 500 cd/m² 4K Ultra HD Black Tizen 6.5 24/7



Brand : Samsung

Product code: LH50QMBEBGCXXY

Product name : QM50B

- UHD 4K Display"
- Integrated (SoC) media player provides local playback and streaming support
- Bright 500nit, non-glare display

50", 3840 x 2160, 4000:1, 8ms, DisplayPort, Wi-Fi, RJ45, Bluetooth, USB, HDMI, 1121.4 x 643.9 x 46.3 mm

Samsung QM50B. Product design: Digital signage flat panel. Display diagonal: 127 cm (50"), Display technology: VA, Display resolution: 3840 x 2160 pixels, Display brightness: 500 cd/m², HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Tizen 6.5. Product colour: Black



Display	
Panel type	VA
Display diagonal *	127 cm (50")
Display technology *	VA
Display resolution *	3840 x 2160 pixels
Display brightness *	500 cd/m²
HD type *	4K Ultra HD
Touchscreen *	✗
Response time	8 ms
Contrast ratio (typical)	4000:1
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours	1 billion colours
Pixel pitch	0.285 x 0.285 mm
Number of displays	1
Colour saturation	92%
Horizontal scan range	30 - 81 kHz
Vertical scan range	48 - 75 Hz
Haze rate	28%
RGB colour space	DCI-P3

Ports & interfaces	
HDMI ports quantity *	3
HDMI version	2.0
HDMI input ports quantity	3
DVI port *	✗
DisplayPorts quantity *	1
DisplayPorts in	1
USB port *	✓
USB ports quantity	1
Ethernet LAN *	✓
Ethernet LAN (RJ-45) ports	1
Wi-Fi *	✓
RS-232 interface	✓
Infrared data port	✓

Audio	
Built-in speaker(s) *	✗

Design	
Panel mounting interface	200 x 200 mm
Mounting type	Wall

Performance	
Purpose *	Universal
Operating hours (hours/days)	24/7
HDCP	✓
HDCP version	2.2

Power	
Power consumption (typical) *	171 W
Power consumption (sleep)	0.5 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz

Computer system	
Computer system *	✓
Computer system type	System on Chip (SoC)
Internal memory	16 GB
Operating system installed	Tizen 6.5
Windows operating systems supported	✓

Weight & dimensions	
Display width	1121.4 mm
Display height	643.9 mm
Display weight	13.4 kg
Width	1121.4 mm
Depth	46.3 mm
Height	643.9 mm
Weight	13.4 kg

Packaging data	
Package width	1269 mm
Package depth	152 mm
Package height	784 mm
Package weight	17.6 kg

Packaging content	
Remote control included	✓

Design	
Product design *	Digital signage flat panel
Placement supported *	Indoor
Orientation	Horizontal/Vertical
Product colour *	Black
VESA mounting *	✓

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

Features	
Suitable for indoor use	✓
Wall mountable	✓