SAMSUNG

Samsung QB13R-M Digital signage flat panel 33 cm (13") LCD Wi-Fi 500 cd/m² Full HD Black Built-in processor Tizen 4.0 16/7

Brand : Samsung   **Product family:** QBR-M   **Product code:**
LH13QBRMBGCXEN

Product name : QB13R-M

Samsung QB13R-M. Product design: Digital signage flat panel. Display diagonal: 33 cm (13"), Display technology: LCD, Display resolution: 1920 x 1080 pixels, Display brightness: 500 cd/m², HD type: Full HD. Wi-Fi. Operating hours (hours/days): 16/7. Operating system installed: Tizen 4.0. Product colour: Black

Display

Panel type	ADS
Display diagonal *	33 cm (13")
Display technology *	LCD
Display resolution *	1920 x 1080 pixels
Display brightness *	500 cd/m²
HD type *	Full HD
Touchscreen *	✘
Native aspect ratio	16:9
Response time	30 ms
Contrast ratio (typical)	800:1
Contrast ratio (dynamic)	10000:1
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Pixel pitch	0.153 x 0.153 mm
Horizontal scan range	30 - 81 kHz
Vertical scan range	48 - 75 Hz
Haze rate	25%
Pixel frequency (max)	594 MHz
Colour gamut	45%

Ports & interfaces

HDMI ports quantity *	1
HDMI version	1.4
HDMI input ports quantity	1
DVI port *	✘
USB port *	✔
USB ports quantity	1
Ethernet LAN *	✔
Ethernet LAN (RJ-45) ports	1
Wi-Fi *	✔
RS-232 interface	✔
DC-in jack	✔

Design

Product design *	Digital signage flat panel
Product colour *	Black

Design

Bezel width (top)	1.22 cm
Bezel colour	Charcoal Black
Mounting type	Wall

Performance

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

Power

Power consumption (typical) *	27.5 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)
Built-in processor *	✔
Operating system installed	Tizen 4.0

Weight & dimensions

Display width	322 mm
Display depth	28.2 mm
Display height	193.5 mm
Display weight	900 g

Packaging data

Package width	376 mm
Package depth	248 mm
Package height	132 mm
Package weight	1.7 kg

Operational conditions

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

Design	
Screen shape	Flat
VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Bezel width (bottom)	1.22 cm
Bezel width (side)	1.22 cm

Certificates	
Certification	Class B 60950-1, 62368-1

Technical details	
Audio out (mini jack)	1

Other features	
Flash memory	8000 MB
RS-232 input ports	1
RJ-45 input ports	1

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