SAMSUNG

Samsung QMR-B QM85R-BD Digital signage flat panel 2.16 m (85") LCD Wi-Fi 500 cd/m² 4K Ultra HD Black Built-in processor Tizen 4.0

Brand : Samsung

Product family: QMR-B

Product code: LH85QMRBDGCXEN

Product name : QM85R-BD

Samsung QMR-B QM85R-BD. Product design: Digital signage flat panel. Display diagonal: 2.16 m (85"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 500 cd/m², HD type: 4K Ultra HD. Wi-Fi. Operating system installed: Tizen 4.0. Product colour: Black

Display

Panel type	VA
Display diagonal *	2.16 m (85")
Display technology *	LCD
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
Dynamic contrast ratio marketing name	Mega Contrast
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Pixel pitch	0.4875 x 0.4875 mm
Horizontal scan range	30 - 81 kHz
Vertical scan range	48 - 75 Hz
Haze rate	28%
Pixel frequency (max)	594 MHz
RGB colour space	DCI-P3
Colour gamut	92%

Ports & interfaces

HDMI ports quantity *	2
HDMI version	2.0
HDMI input ports quantity	2
DVI port *	✔
DisplayPorts quantity *	1
DisplayPorts in	1
DisplayPort version	1.2
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

Design

Product design *	Digital signage flat panel
Placement supported *	Indoor

Design

Bezel width (bottom)	1.29 cm
Bezel width (side)	1.09 cm
Bezel width (top)	1.09 cm
Bezel colour	Charcoal Black

Performance

Purpose *	Universal
HDCP	✔
HDCP version	2.2

Power

Power consumption (typical) *	308 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	1897.8 mm
Display depth	56.7 mm
Display height	1080.8 mm
Display weight	48.4 kg

Packaging data

Package width	2090 mm
Package depth	260 mm
Package height	1247 mm
Package weight	63.7 kg

Operational conditions

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

Certificates

Certification	Class A 60950-1, 62368-1

Technical details

Audio out (mini jack)	1

Design		**Other features**	
Product colour *	Black	Audio input	✔
Screen shape	Flat	Flash memory	8000 MB
VESA mounting *	✔	RS-232 input ports	1
Panel mounting interface	600 x 400 mm	RS-232 output ports	1
		Video out	✔
		RJ-45 input ports	1
		Optional features	WMN8200SG

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