

# Samsung QMR-B QM85R-BD Digital signage flat panel 2.16 m (85") LCD Wi-Fi 500 cd/m<sup>2</sup> 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/m<sup>2</sup>, HD type: 4K Ultra HD. Wi-Fi. Operating system installed: Tizen 4.0. Product colour: Black



Display		Design	
Panel type	VA	Bezel width (bottom)	1.29 cm
Display diagonal *	2.16 m (85")	Bezel width (side)	1.09 cm
Display technology *	LCD	Bezel width (top)	1.09 cm
Display resolution *	3840 x 2160 pixels	Bezel colour	Charcoal Black
Display brightness *	500 cd/m <sup>2</sup>	<b>Performance</b>	
HD type *	4K Ultra HD	Purpose *	Universal
Touchscreen *	✗	HDCP	✓
Response time	8 ms	HDCP version	2.2
Contrast ratio (typical)	4000:1	<b>Power</b>	
Dynamic contrast ratio marketing name	Mega Contrast	Power consumption (typical) *	308 W
Viewing angle, horizontal	178°	Power consumption (sleep)	0.5 W
Viewing angle, vertical	178°	AC input voltage	100 - 240 V
Pixel pitch	0.4875 x 0.4875 mm	AC input frequency	50 - 60 Hz
Horizontal scan range	30 - 81 kHz	<b>Computer system</b>	
Vertical scan range	48 - 75 Hz	Computer system *	✓
Haze rate	28%	Computer system type	System on Chip (SoC)
Pixel frequency (max)	594 MHz	Built-in processor *	✓
RGB colour space	DCI-P3	Operating system installed	Tizen 4.0
Colour gamut	92%	<b>Weight &amp; dimensions</b>	
<b>Ports &amp; interfaces</b>		Display width	1897.8 mm
HDMI ports quantity *	2	Display depth	56.7 mm
HDMI version	2.0	Display height	1080.8 mm
HDMI input ports quantity	2	Display weight	48.4 kg
DVI port *	✓	<b>Packaging data</b>	
DisplayPorts quantity *	1	Package width	2090 mm
DisplayPorts in	1	Package depth	260 mm
DisplayPort version	1.2	Package height	1247 mm
USB port *	✓	Package weight	63.7 kg
USB ports quantity	2	<b>Operational conditions</b>	
Ethernet LAN *	✓	Operating temperature (T-T)	0 - 40 °C
Ethernet LAN (RJ-45) ports	1	Operating relative humidity (H-H)	10 - 80%
Wi-Fi *	✓	<b>Certificates</b>	
RS-232 interface	✓	Certification	Class A 60950-1, 62368-1
Infrared data port	✓	<b>Technical details</b>	
Remote (IR) input	1	Audio out (mini jack)	1
<b>Design</b>			
Product design *	Digital signage flat panel		
Placement supported *	Indoor		

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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