

Samsung QM55R 139.7 cm (55") LED Wi-Fi 500 cd/m² 4K Ultra HD Black Built-in processor Tizen 4.0

Brand : Samsung

Product code: LH55QMRBBGCXEN

Product name : QM55R



- Engage customers with lifelike images through ultra high-definition resolution
 - Deliver UHD-level picture quality even with lower resolution content through innovative UHD upscaling technology and unique picture-enhancing features
 - Dynamic Crystal Color allows viewers to enjoy a wider spectrum of colors, up to one billion shades
- 55", Edge LED BLU, 3840 x 2160 (4K UHD), 500 nit, Tizen 4.0
 Samsung QM55R. Display diagonal: 139.7 cm (55"), Display technology: LED, 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		Design	
LED backlighting type	Edge-LED	Placement supported *	Indoor
Display diagonal *	139.7 cm (55")	Product colour *	Black
Display technology *	LED	VESA mounting *	✓
Display resolution *	3840 x 2160 pixels	Panel mounting interface	200 x 200 mm
Display brightness *	500 cd/m ²	Performance	
HD type *	4K Ultra HD	Purpose *	Universal
Native aspect ratio	16:9	HDCP	✓
Response time	8 ms	HDCP version	2.2
Contrast ratio (typical)	4000:1	Power	
Dynamic contrast ratio marketing name	Mega Contrast	Power consumption (typical) *	108 W
Viewing angle, horizontal	178°	Power consumption (sleep)	0.5 W
Viewing angle, vertical	178°	AC input voltage	100 - 240 V
Display number of colours	1.07 billion colours	AC input frequency	50 - 60 Hz
Pixel pitch	0.105 x 0.105 mm	Heat dissipation	487.6 BTU/h
Active display area (W x H)	1209.6 x 680.4 mm	Computer system	
Horizontal scan range	30 - 81 kHz	Computer system *	✓
Vertical scan range	48 - 75 Hz	Computer system type	System on Chip (SoC)
Haze rate	25%	Built-in processor *	✓
Ports & interfaces		Processor frequency	1.7 GHz
HDMI ports quantity *	3	Processor cores	4
HDMI version	2.0	Internal memory	2.5 GB
HDMI input ports quantity	2	Internal storage capacity	8 GB
HDMI output ports quantity	1	Operating system installed	Tizen 4.0
DVI port *	✓	Weight & dimensions	
DVI-D ports quantity	1	Width	1235.1 mm
DisplayPorts quantity *	1	Depth	46.3 mm
DisplayPorts in	1	Height	707.9 mm
USB port *	✓	Weight	18.1 kg
USB ports quantity	2	Packaging data	
USB version	2.0	Package width	1402 mm
Wi-Fi *	✓	Package depth	163 mm
RS-232C	✓	Package height	858 mm
Remote (IR) output	1	Package weight	23.6 kg
Audio		Operational conditions	
Built-in speaker(s) *	✓	Operating temperature (T-T)	0 - 40 °C
Number of built-in speakers	2	Operating relative humidity (H-H)	10 - 80%
RMS rated power	20 W		

Logistics data

Harmonized System (HS) code 85285210



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