

Samsung QM55B-T Digital signage flat panel 139.7 cm (55") LCD Wi-Fi 400 cd/m² 4K Ultra HD Black Touchscreen Built-in processor Tizen 6.5 24/7

Brand : Samsung

Product family: QMB-T

Product code:
LH55QMBTBGCXEN

Product name : QM55B-T

Samsung QM55B-T. Product design: Digital signage flat panel. Display diagonal: 139.7 cm (55"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 400 cd/m², HD type: 4K Ultra HD, Touchscreen. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Tizen 6.5. Product colour: Black



Display		Design	
Panel type	VA	Bezel colour	Charcoal Black
Display diagonal *	139.7 cm (55")	Performance	
Display technology *	LCD	Purpose *	Universal
Display resolution *	3840 x 2160 pixels	Operating hours (hours/days)	24/7
Display brightness *	400 cd/m ²	HDCP	✓
HD type *	4K Ultra HD	HDCP version	2.2
Touchscreen *	✓	Power	
Touchscreen technology	Capacitive	Power consumption (typical) *	143 W
Response time	8 ms	Power consumption (sleep)	0.5 W
Contrast ratio (typical)	4000:1	Energy efficiency class (SDR)	G
Dynamic contrast ratio marketing name	Mega Contrast	Energy consumption (SDR) per 1000 hours	107 kWh
Viewing angle, horizontal	178°	AC input voltage	100 - 240 V
Viewing angle, vertical	178°	AC input frequency	50 - 60 Hz
Pixel pitch	0.315 x 0.315 mm	Computer system	
Display diagonal (metric)	138 cm	Computer system *	✓
Horizontal scan range	30 - 81 kHz	Computer system type	System on Chip (SoC)
Vertical scan range	48 - 75 Hz	Built-in processor *	✓
Haze rate	25%	Operating system installed	Tizen 6.5
Pixel frequency (max)	594 MHz	Weight & dimensions	
RGB colour space	DCI-P3	Display width	1253.8 mm
Colour gamut	92%	Display depth	56.7 mm
Ports & interfaces		Display height	734.6 mm
HDMI ports quantity *	3	Display weight	26.9 kg
HDMI version	2.0	Packaging data	
HDMI input ports quantity	3	Package width	1421 mm
DVI port *	✗	Package depth	165 mm
DisplayPorts quantity *	1	Package height	884 mm
DisplayPorts in	1	Package weight	32.5 kg
DisplayPort version	1.2	Operational conditions	
USB port *	✓	Operating temperature (T-T)	0 - 40 °C
USB ports quantity	2	Operating relative humidity (H-H)	10 - 80%
Ethernet LAN *	✓		
Ethernet LAN (RJ-45) ports	1		
Wi-Fi *	✓		

Ports & interfaces		Certificates	
RS-232 interface	✓	Certification	Class B 60950-1, 62368-1
Infrared data port	✓	Technical details	
Remote (IR) input	1	Audio out (mini jack)	1
Design		Other features	
Product design *	Digital signage flat panel	Bluetooth	✓
Placement supported *	Indoor	Flash memory	16000 MB
Product colour *	Black	RS-232 input ports	1
Screen shape	Flat	RS-232 output ports	1
VESA mounting *	✓	RJ-45 input ports	1
Panel mounting interface	200 x 200 mm	Optional features	WMN4070SG STN-L4355G



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