

Samsung QM55B-T Signage Display Digital signage flat panel
139.7 cm (55") LED Wi-Fi 500 cd/m² 4K Ultra HD Black
Touchscreen Built-in processor Tizen 6.5 24/7



Brand : Samsung

Product code: QM55B-T

Product name : QM55B-T

- Incredibly clear screen with eye-catching 4K UHD picture quality
- Improved visibility with non-glare panel for hyper-realistic, immersive visual experience
- Efficient and reliable display even in dusty environments and repeated customer interactions
- Easy content creation, scheduling and publication with MagicINFO

55", 3840x2160, 4000:1, 24/7, Touchscreen

Samsung QM55B-T. Product design: Digital signage flat panel. 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, Touchscreen. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Tizen 6.5. Product colour: Black

Display		Power	
Panel type	VA	Power consumption (standby) *	0.5 W
Display diagonal *	139.7 cm (55")	Energy efficiency class (SDR)	G
Display technology *	LED	Energy efficiency class (HDR)	Not available
Display resolution *	3840 x 2160 pixels	Energy consumption (SDR) per 1000 hours	107 kWh
Display brightness *	500 cd/m²	AC input voltage	100 - 240 V
HD type *	4K Ultra HD	AC input frequency	50 - 60 Hz
Touchscreen *	✓	Energy efficiency scale	A to G
Touchscreen technology	Capacitive	Computer system	
Native aspect ratio	16:9	Computer system *	✗
Contrast ratio (typical)	4000:1	Built-in processor *	✓
Viewing angle, horizontal	178°	Processor manufacturer	ARM
Viewing angle, vertical	178°	Processor family	ARM Cortex
Pixel pitch	0.315 x 0.315 mm	Processor model	Cortex-A72
Native refresh rate	60 Hz	Processor architecture	ARM Cortex-A72
Haze rate	25%	Processor frequency	1.7 GHz
RGB colour space	DCI-P3	Processor cores	2
Ports & interfaces		Internal storage capacity	16 GB
HDMI ports quantity *	3	Operating system installed	Tizen 6.5
HDMI version	2.0	Weight & dimensions	
DVI port *	✗	Width	1253.8 mm
DisplayPorts quantity *	1	Depth	56.7 mm
USB port *	✓	Height	734.6 mm
USB ports quantity	2	Weight	26.9 kg
USB version	2.0	Packaging data	
RS-232C	✓	Package width	1421 mm
DC-in jack	✓	Package depth	165 mm
Audio		Package height	884 mm
Built-in speaker(s) *	✓	Package weight	32.5 kg
RMS rated power	10 W	Operational conditions	
Design		Operating temperature (T-T)	0 - 40 °C
Product design *	Digital signage flat panel	Operating relative humidity (H-H)	10 - 80%
Placement supported *	Indoor		
Orientation	Horizontal/Vertical		

Design		Network	
Product colour *	Black	Ethernet LAN *	✗
VESA mounting *	✓	Wi-Fi *	✓
Panel mounting interface	200 x 200 mm	Technical details	
Bezel width (bottom)	2.6 cm	Special features	Symmetric Design (same with QxR), Center IR, Temperature Sensor, Auto Level, Wi-Fi(2.4/5.0GHz dual) & BT S/W : Workspace (Microsoft365/VMWare/RDP), Custom Home, Auto Source Switching & Recovery, Dicom Simulation Mode, Director Mode, Upgradable Web-Engine, Tizen Enterprise Platform, Video Conference Solution, [end of June~] Smart Calibration
Bezel width (side)	2.1 cm		
Bezel width (top)	2.6 cm		
Anti-glare screen	✓		
Performance			
Operating hours (hours/days)	24/7	Other features	Internal
HDCP	✓		
HDCP version	2.2		
Power			
Power consumption (typical) *	108 W		



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