Samsung QM55B Digital signage flat panel 55" VA Wi-Fi 500 cd/m² 3.5K Ultra HD Black Tizen 6.5



Brand : Samsung

Article code: LH55QMBEBGCXEN

Product name : QM55B

55", 3840 x 2160, 4000:1, 8ms, DisplayPort, Wi-Fi, RJ45, Bluetooth, USB, HDMI, 1235.1 x 707.9 x 46.3 mm

Samsung QM55B. Product design: Digital signage flat panel. Display diagonal: 55", Display technology: VA, Display resolution: 3840 x 2160 pixels, Display brightness: 500 cd/m², HD type: 3.5K Ultra HD. Wi-Fi. Operating system installed: Tizen 6.5. Product color: Black



Display	
Panel type	VA
Display diagonal *	55"
Display technology *	VA
Display resolution *	3840 x 2160 pixels
Display brightness *	500 cd/m²
HD type *	3.5K Ultra HD
Touchscreen *	✗
Response time	8 ms
Contrast ratio (typical)	4000:1
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colors	1 billion colors
Pixel pitch	0.0112 x 0.0112" (0.285 x 0.285 mm)
Number of displays	1
Color saturation	92%
Horizontal scan range	30 - 81 kHz
Vertical scan range	48 - 75 Hz
Haze rate	25%
RGB color space	DCI-P3

Ports & interfaces	
HDMI ports quantity *	3
HDMI version	2.0
HDMI input ports quantity	3
DVI port *	✗
DisplayPorts quantity *	1
DisplayPorts in	1
USB port *	✓
USB ports quantity	1
Ethernet LAN *	✓
Ethernet LAN (RJ-45) ports	1
Wi-Fi *	✓
RS-232 interface	✓
Infrared data port	✓

Audio	
Built-in speaker(s) *	✓

Design	
Panel mounting interface	200 x 200 mm
Mounting type	Wall

Performance	
Purpose *	Universal
HDCP	✓
HDCP version	2.2

Power	
Power consumption (typical) *	143 W
Power consumption (sleep)	0.5 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Energy efficiency scale	A+ to G

Computer system	
Computer system *	✓
Computer system type	System on Chip (SoC)
Internal memory	16 GB
Operating system installed	Tizen 6.5
Windows operating systems supported	✓

Weight & dimensions	
Display width	48.6" (1235.1 mm)
Display height	27.9" (707.9 mm)
Display weight	39.9 lbs (18.1 kg)
Width	48.6" (1235.1 mm)
Depth	1.82" (46.3 mm)
Height	27.9" (707.9 mm)
Weight	39.9 lbs (18.1 kg)

Packaging data	
Package width	55.2" (1402 mm)
Package depth	6.42" (163 mm)
Package height	33.8" (858 mm)
Package weight	52 lbs (23.6 kg)

Packaging content	
Handheld remote control	✓

Audio	
Number of built-in speakers	2
RMS rated power	10 W

Design	
Product design *	Digital signage flat panel
Placement supported *	Indoor
Orientation	Horizontal/Vertical
Product color *	Black
VESA mounting *	✓

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

Logistics data	
Harmonized System (HS) code	85285210

Features	
Suitable for indoor use	✓
Wall mountable	✓