

Samsung OM55N-S Digital signage flat panel 139.7 cm (55") LCD Wi-Fi 4000 cd/m² Full HD Black Built-in processor Tizen 5.0

Brand : Samsung

Product code: LH550MNESGBXEN

Product name : OM55N-S

55", VA, FHD (1920 x 1080), 4000 nit, 6000:1, 178/178, 6 ms, WiFi, RJ-45, HDCP, HDMI, DP, RS232, AC 100-240V, 50/60Hz, 1253.4 x 724.2 x 54.5 mm, 23.1kg

Samsung OM55N-S. Product design: Digital signage flat panel. Display diagonal: 139.7 cm (55"), Display technology: LCD, Display resolution: 1920 x 1080 pixels, Display brightness: 4000 cd/m², HD type: Full HD. Wi-Fi. Operating system installed: Tizen 5.0. Product colour: Black



Display		Design	
Panel type	VA	Bezel width (side)	1.99 cm
Display diagonal *	139.7 cm (55")	Bezel width (top)	1.99 cm
Display technology *	LCD	Performance	
Display resolution *	1920 x 1080 pixels	Purpose *	Universal
Display brightness *	4000 cd/m ²	HDCP	✓
HD type *	Full HD	HDCP version	2.2
Touchscreen *	✗	Power	
Response time	6 ms	Power consumption (typical) *	450 W
Contrast ratio (typical)	6000:1	Power consumption (sleep)	0.5 W
Dynamic contrast ratio marketing name	Mega Contrast	AC input voltage	100 - 240 V
Viewing angle, horizontal	178°	AC input frequency	50 - 60 Hz
Viewing angle, vertical	178°	Computer system	
Pixel pitch	0.63 x 0.63 mm	Computer system *	✓
Horizontal scan range	15 - 135 kHz	Computer system type	System on Chip (SoC)
Vertical scan range	24 - 75 Hz	Built-in processor *	✓
Pixel frequency (max)	594 MHz	Operating system installed	Tizen 5.0
Colour gamut	72%	Weight & dimensions	
Ports & interfaces		Display width	1253.4 mm
HDMI ports quantity *	2	Display depth	54.5 mm
HDMI version	2.0	Display height	724.2 mm
HDMI input ports quantity	2	Display weight	23.1 kg
DVI port *	✗	Packaging data	
DisplayPorts quantity *	1	Package width	1420 mm
DisplayPorts in	1	Package depth	178 mm
DisplayPort version	1.2	Package height	879 mm
USB port *	✓	Package weight	29.1 kg
USB ports quantity	1	Operational conditions	
Ethernet LAN *	✓	Operating temperature (T-T)	0 - 40 °C
Ethernet LAN (RJ-45) ports	2	Operating relative humidity (H-H)	10 - 80%
Wi-Fi *	✓	Certificates	
RS-232 interface	✓	Certification	Class A 60950-1
Infrared data port	✓	Logistics data	
Remote (IR) input	1	Harmonized System (HS) code	85285210
Design		Technical details	
Product design *	Digital signage flat panel	Audio out (mini jack)	1
Placement supported *	Indoor/outdoor		
Orientation	Horizontal/Vertical		
Product colour *	Black		

Design		Other features	
Screen shape	Flat	Flash memory	8000 MB
VESA mounting *	✓	RS-232 input ports	1
Panel mounting interface	400 x 400 mm	RS-232 output ports	1
Bezel width (bottom)	1.99 cm	Video out	1
		RJ-45 input ports	1
		RJ-45 output ports	1



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