



Samsung OM55N-DS Digital signage flat panel 139.7 cm (55") LCD Wi-Fi 3000 cd/m² Full HD Black Built-in processor Tizen 5.0

Brand : Samsung

Product family: OMN-DS

Product code:
LH550MNDSGBXEN

Product name : OM55N-DS

55", VA, FHD (1920 x 1080), 3000 nit, 6000:1, 178/178, 6 ms, WiFi, RJ-45, HDCP, HDMI, RS232, AC 100-240V, 50/60Hz, 726.8 x 1299 x 69.5 mm, 42 kg

Samsung OM55N-DS. Product design: Digital signage flat panel. Display diagonal: 139.7 cm (55"), Display technology: LCD, Display resolution: 1920 x 1080 pixels, Display brightness: 3000 cd/m², HD type: Full HD. Wi-Fi. Operating system installed: Tizen 5.0. Product colour: Black



Display		Design	
Panel type	VA	Screen shape	Flat
Display diagonal *	139.7 cm (55")	Bezel width (bottom)	2.28 cm
Display technology *	LCD	Bezel width (side)	2.28 cm
Display resolution *	1920 x 1080 pixels	Bezel width (top)	2.28 cm
Display brightness *	3000 cd/m ²	Performance	
HD type *	Full HD	Purpose *	Universal
Touchscreen *	✘	HDCP	✓
Response time	6 ms	HDCP version	2.2
Contrast ratio (typical)	6000:1	Power	
Dynamic contrast ratio marketing name	Mega Contrast	Power consumption (typical) *	500 W
Viewing angle, horizontal	178°	Power consumption (sleep)	0.5 W
Viewing angle, vertical	178°	AC input voltage	100 - 240 V
Pixel pitch	0.63 x 0.63 mm	AC input frequency	50 - 60 Hz
Horizontal scan range	15 - 135 kHz	Computer system	
Vertical scan range	24 - 75 Hz	Computer system *	✓
Pixel frequency (max)	594 MHz	Computer system type	System on Chip (SoC)
RGB colour space	NTSC	Built-in processor *	✓
Colour gamut	72%	Operating system installed	Tizen 5.0
Ports & interfaces		Weight & dimensions	
HDMI ports quantity *	2	Display width	726.8 mm
HDMI version	2.0	Display depth	69.5 mm
DVI port *	✘	Display height	1299 mm
USB port *	✓	Display weight	42 kg
USB ports quantity	2	Packaging data	
Ethernet LAN *	✓	Package width	940 mm
Ethernet LAN (RJ-45) ports	1	Package depth	367 mm
Wi-Fi *	✓	Package height	1466 mm
RS-232 interface	✓	Package volume	52000 cm ³
Infrared data port	✓	Operational conditions	
Remote (IR) input	1	Operating temperature (T-T)	0 - 40 °C
Design		Operating relative humidity (H-H)	10 - 80%
Product design *	Digital signage flat panel	Certificates	
Placement supported *	Indoor/outdoor	Certification	Class A 60950-1
Orientation	Vertical	Other features	
Product colour *	Black	Flash memory	8000 MB
		RS-232 input ports	1



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