

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:
LH55OMNDSGBXEN

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

Design		Network	
Screen shape	Flat	Ethernet LAN *	✓
Bezel width (bottom)	2.28 cm	Wi-Fi *	✓
Bezel width (side)	2.28 cm	Other features	
		Flash memory	8000 MB
		RS-232 input ports	1



8806094036091

Catalog Object Cloud



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