

## Samsung OM55B Digital signage flat panel 139.7 cm (55") LCD Wi-Fi 3000 cd/m<sup>2</sup> 4K Ultra HD Black Built-in processor Tizen 5.0 24/7

**Brand :** Samsung

**Product family:** OMB

**Product code:**  
LH550MBEBGBXEN

**Product name :** OM55B



- High picture quality  
- Slim design  
- Content management  
55", ADS, 4K UHD (3840 x 2160), 3000 nit, 1200:1, 178/178, 8 ms, WiFi, RJ-45, HDCP, HDMI, DP, RS232, AC 100-240V, 50/60Hz, 1253.4 x 724.2 x 54.5 mm, 23.1 kg  
Samsung OM55B. Product design: Digital signage flat panel. Display diagonal: 139.7 cm (55"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 3000 cd/m<sup>2</sup>, HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Tizen 5.0. Product colour: Black

Display		Design	
Panel type	ADS	Bezel width (top)	1.91 cm
Display diagonal *	139.7 cm (55")	Bezel colour	Dark Blue Gray
Display technology *	LCD	<b>Performance</b>	
Display resolution *	3840 x 2160 pixels	Purpose *	Universal
Display brightness *	3000 cd/m <sup>2</sup>	Operating hours (hours/days)	24/7
HD type *	4K Ultra HD	HDCP	✓
Touchscreen *	✗	HDCP version	2.2
Response time	8 ms	<b>Power</b>	
Contrast ratio (typical)	1200:1	Power consumption (typical) *	450 W
Dynamic contrast ratio marketing name	Mega Contrast	Power consumption (sleep)	0.5 W
Viewing angle, horizontal	178°	AC input voltage	100 - 240 V
Viewing angle, vertical	178°	AC input frequency	50 / 60 Hz
Pixel pitch	0.315 x 0.315 mm	<b>Computer system</b>	
Horizontal scan range	15 - 135 kHz	Computer system *	✓
Vertical scan range	24 - 75 Hz	Computer system type	System on Chip (SoC)
Haze rate	1%	Built-in processor *	✓
Pixel frequency (max)	594 MHz	Operating system installed	Tizen 5.0
RGB colour space	NTSC	<b>Weight &amp; dimensions</b>	
Colour gamut	72%	Display width	1253.4 mm
<b>Ports &amp; interfaces</b>		Display depth	54.5 mm
HDMI ports quantity *	2	Display height	724.2 mm
HDMI version	2.0	Display weight	23.1 kg
HDMI input ports quantity	2	<b>Packaging data</b>	
DVI port *	✗	Package width	1420 mm
DisplayPorts quantity *	1	Package depth	178 mm
DisplayPorts in	1	Package height	879 mm
DisplayPort version	1.2	Package weight	29.1 kg
USB port *	✓	<b>Operational conditions</b>	
USB ports quantity	1	Operating temperature (T-T)	0 - 40 °C
Ethernet LAN *	✓	Operating relative humidity (H-H)	10 - 80%
Ethernet LAN (RJ-45) ports	2	<b>Certificates</b>	
Wi-Fi *	✓	Certification	EMC Class A, Safety 60950-1
RS-232 interface	✓		

Ports & interfaces		Features	
Infrared data port	✓	Wall mountable	✓
Remote (IR) input	1		
Design		Technical details	
Product design *	Digital signage flat panel	Audio out (mini jack)	Yes
Product colour *	Black	Audio in (mini jack)	✗
Screen shape	Flat		
VESA mounting *	✓	Other features	
Panel mounting interface	400 x 400 mm	Flash memory	8000 MB
Bezel width (bottom)	1.91 cm	RS-232 input ports	1
Bezel width (side)	1.91 cm	RS-232 output ports	1
		Video out	Yes
		RJ-45 input ports	1
		RJ-45 output ports	1



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