



## Samsung OH24B Digital signage flat panel 61 cm (24") LCD Wi-Fi 1500 cd/m<sup>2</sup> Full HD Black Built-in processor Tizen 6.5 24/7

**Brand :** Samsung

**Product family:** OHB

**Product code:**  
LH24OHBEBGBXEN

**Product name :** OH24B

- High visibility  
- Water and dust resistant  
- Magic Protection Glass  
24", IPS, FHD (1920 x 1080), 1500 nit, 1000:1, 178/178, 14 ms, WiFi, RJ-45, HDCP, HDMI, RS232, AC 100-240V, 50/60Hz, 573 x 342.4 x 59.8 mm, 8.4 kg  
Samsung OH24B. Product design: Digital signage flat panel. Display diagonal: 61 cm (24"), Display technology: LCD, Display resolution: 1920 x 1080 pixels, Display brightness: 1500 cd/m<sup>2</sup>, HD type: Full HD. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Tizen 6.5. Product colour: Black



Display		Design	
Panel type	IPS	VESA mounting *	✓
Display diagonal *	61 cm (24")	Panel mounting interface	100 x 100 mm
Display technology *	LCD	Bezel width (bottom)	2.19 cm
Display resolution *	1920 x 1080 pixels	Bezel width (side)	2.19 cm
Display brightness *	1500 cd/m <sup>2</sup>	Bezel width (top)	2.19 cm
HD type *	Full HD	<b>Performance</b>	
Touchscreen *	✗	Purpose *	Universal
Response time	14 ms	Operating hours (hours/days)	24/7
Contrast ratio (typical)	1000:1	HDCP	✓
Dynamic contrast ratio marketing name	Mega Contrast	HDCP version	2.2
Viewing angle, horizontal	178°	<b>Power</b>	
Viewing angle, vertical	178°	Power consumption (typical) *	90 W
Pixel pitch	0.2745 x 0.2745 mm	Power consumption (sleep)	0.5 W
Horizontal scan range	15 - 135 kHz	AC input voltage	100 - 240 V
Vertical scan range	24 - 75 Hz	AC input frequency	50/60 Hz
Haze rate	25%	<b>Computer system</b>	
Pixel frequency (max)	594 MHz	Computer system *	✓
Glass thickness	3 mm	Computer system type	System on Chip (SoC)
Glass film	AG/AR Film	Built-in processor *	✓
RGB colour space	NTSC	Operating system installed	Tizen 6.5
Colour gamut	72%	<b>Weight &amp; dimensions</b>	
<b>Ports &amp; interfaces</b>		Display width	573 mm
HDMI ports quantity *	1	Display depth	59.8 mm
HDMI version	2.0a	Display height	342.4 mm
HDMI input ports quantity	1	Display weight	8.4 kg
DVI port *	✗	<b>Packaging data</b>	
USB port *	✓	Package width	730 mm
USB ports quantity	2	Package depth	140 mm
Ethernet LAN *	✓	Package height	438 mm
Ethernet LAN (RJ-45) ports	1	Package weight	10 kg
Wi-Fi *	✓	<b>Operational conditions</b>	
Audio (L/R) out	1	Operating temperature (T-T)	-30 - 50 °C
RS-232 interface	✓	Operating relative humidity (H-H)	10 - 80%
<b>Design</b>		<b>Certificates</b>	
Product design *	Digital signage flat panel	Certification	Class A 60950-1, 62368-1
Placement supported *	Outdoor		
Orientation	Horizontal/Vertical		
Product colour *	Black		

**Design**

Screen shape Flat

**Other features**

Bluetooth ✓  
Flash memory 8000 MB  
Glass protection ✓



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