SAMSUNG

Samsung OMB OM55B Digital signage flat panel 139.7 cm (55") LCD Wi-Fi 3000 cd/m² 4K Ultra HD Black Built-in processor Tizen 5.0 24/7

Brand : Samsung

Product family: OMB

Product code:
LH55OMBEBGBXEN

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 OMB 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/m², HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Tizen 5.0. Product colour: Black

Display

Panel type	ADS
Display diagonal *	139.7 cm (55")
Display technology *	LCD
Display resolution *	3840 x 2160 pixels
Display brightness *	3000 cd/m²
HD type *	4K Ultra HD
Touchscreen *	✘
Response time	8 ms
Contrast ratio (typical)	1200:1
Dynamic contrast ratio marketing name	Mega Contrast
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Pixel pitch	0.315 x 0.315 mm
Horizontal scan range	15 - 135 kHz
Vertical scan range	24 - 75 Hz
Haze rate	1%
Pixel frequency (max)	594 MHz
RGB colour space	NTSC
Colour gamut	72%

Ports & interfaces

HDMI ports quantity *	2
HDMI version	2.0
HDMI input ports quantity	2
DVI port *	✘
DisplayPorts quantity *	1
DisplayPorts in	1
DisplayPort version	1.2
USB port *	✓
USB ports quantity	1
Ethernet LAN *	✓
Ethernet LAN (RJ-45) ports	2
Wi-Fi *	✓
RS-232 interface	✓
Infrared data port	✓
Remote (IR) input	1

Design

Product design *	Digital signage flat panel

Design

Bezel width (top)	1.91 cm
Bezel colour	Dark Blue Gray

Performance

Purpose *	Universal
Operating hours (hours/days)	24/7
HDCP	✓
HDCP version	2.2

Power

Power consumption (typical) *	450 W
Power consumption (sleep)	0.5 W
AC input voltage	100 - 240 V
AC input frequency	50 / 60 Hz

Computer system

Computer system *	✓
Computer system type	System on Chip (SoC)
Built-in processor *	✓
Operating system installed	Tizen 5.0

Weight & dimensions

Display width	1253.4 mm
Display depth	54.5 mm
Display height	724.2 mm
Display weight	23.1 kg

Packaging data

Package width	1420 mm
Package depth	178 mm
Package height	879 mm
Package weight	29.1 kg

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	10 - 80%

Certificates

Certification	EMC Class A, Safety 60950-1

Features

Wall mountable	✓

Design

Product colour *	Black
Screen shape	Flat
VESA mounting *	✓
Panel mounting interface	400 x 400 mm
Bezel width (bottom)	1.91 cm
Bezel width (side)	1.91 cm

Technical details

Audio out (mini jack)	Yes
Audio in (mini jack)	✗

Other features

Flash memory	8000 MB
RS-232 input ports	1
RS-232 output ports	1
Video out	Yes
RJ-45 input ports	1
RJ-45 output ports	1

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