SAMSUNG

Samsung OM55N-S Digital signage flat panel 139.7 cm (55") LCD Wi-Fi 4000 cd/m² Full HD Black Built-in processor Tizen 5.0

Brand : Samsung

Product family: OMN-S

Product code:
LH55OMNESGBXEN

Product name : OM55N-S

55", VA, FHD (1920 x 1080), 4000 nit, 6000:1, 178/178, 6 ms, WiFi, RJ-45, HDCP, HDMI, DP, RS232, AC 100-240V, 50/60Hz, 1253.4 x 724.2 x 54.5 mm, 23.1kg
Samsung OM55N-S. Product design: Digital signage flat panel. Display diagonal: 139.7 cm (55"), Display technology: LCD, Display resolution: 1920 x 1080 pixels, Display brightness: 4000 cd/m², HD type: Full HD. Wi-Fi. Operating system installed: Tizen 5.0. Product colour: Black

Display

Panel type	VA
Display diagonal *	139.7 cm (55")
Display technology *	LCD
Display resolution *	1920 x 1080 pixels
Display brightness *	4000 cd/m²
HD type *	Full HD
Touchscreen *	✘
Response time	6 ms
Contrast ratio (typical)	6000:1
Dynamic contrast ratio marketing name	Mega Contrast
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Pixel pitch	0.63 x 0.63 mm
Horizontal scan range	15 - 135 kHz
Vertical scan range	24 - 75 Hz
Pixel frequency (max)	594 MHz
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

Bezel width (side)	1.99 cm
Bezel width (top)	1.99 cm

Performance

Purpose *	Universal
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	Class A 60950-1

Design

Product design *	Digital signage flat panel
Placement supported *	Indoor/outdoor
Orientation	Horizontal/Vertical
Product colour *	Black
Screen shape	Flat
VESA mounting *	✔
Panel mounting interface	400 x 400 mm
Bezel width (bottom)	1.99 cm

Logistics data

Harmonized System (HS) code	85285210

Technical details

Audio out (mini jack)	1

Other features

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

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