

## Samsung OM55N-DS Digital signage flat panel 139.7 cm (55") LCD Wi-Fi 3000 cd/m<sup>2</sup> Full HD Black Built-in processor Tizen 5.0

**Brand :** Samsung

**Product family:** OMN-DS

**Product code:**  
LH550MNDSGBXEN

**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/m<sup>2</sup>, HD type: Full HD. Wi-Fi. Operating system installed: Tizen 5.0. Product colour: Black



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

**Design**

|                  |          |
|------------------|----------|
| Orientation      | Vertical |
| Product colour * | Black    |

**Certificates**

|               |                 |
|---------------|-----------------|
| Certification | Class A 60950-1 |
|---------------|-----------------|

**Other features**

|                    |         |
|--------------------|---------|
| Flash memory       | 8000 MB |
| RS-232 input ports | 1       |



8806094036091

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