

Samsung OM55N-DS Digital signage flat panel 139.7 cm (55") LCD  
Wi-Fi 3000 cd/m² Full HD Black Built-in processor Tizen 5.0

Brand : Samsung

Product family: OMN-DS

Product code:  
LH55OMNDSGBXEN

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/m², HD type: Full HD. Wi-Fi. Operating system installed: Tizen 5.0. Product colour: Black



| Display                               |                            | Design                            |                      |
|---------------------------------------|----------------------------|-----------------------------------|----------------------|
| Panel type                            | VA                         | Bezel width (top)                 | 2.28 cm              |
| Display diagonal *                    | 139.7 cm (55")             | Performance                       |                      |
| Display technology *                  | LCD                        | Purpose *                         | Universal            |
| Display resolution *                  | 1920 x 1080 pixels         | HDCP                              | ✓                    |
| Display brightness *                  | 3000 cd/m²                 | HDCP version                      | 2.2                  |
| HD type *                             | Full HD                    | Power                             |                      |
| Touchscreen *                         | ✗                          | Power consumption (typical) *     | 500 W                |
| Response time                         | 6 ms                       | Power consumption (sleep)         | 0.5 W                |
| Contrast ratio (typical)              | 6000:1                     | AC input voltage                  | 100 - 240 V          |
| Dynamic contrast ratio marketing name | Mega Contrast              | AC input frequency                | 50 - 60 Hz           |
| Viewing angle, horizontal             | 178°                       | Computer system                   |                      |
| Viewing angle, vertical               | 178°                       | Computer system *                 | ✓                    |
| Pixel pitch                           | 0.63 x 0.63 mm             | Computer system type              | System on Chip (SoC) |
| Horizontal scan range                 | 15 - 135 kHz               | Built-in processor *              | ✓                    |
| Vertical scan range                   | 24 - 75 Hz                 | Operating system installed        | Tizen 5.0            |
| Pixel frequency (max)                 | 594 MHz                    | Weight & dimensions               |                      |
| RGB colour space                      | NTSC                       | Display width                     | 726.8 mm             |
| Colour gamut                          | 72%                        | Display depth                     | 69.5 mm              |
| Ports & interfaces                    |                            | Display height                    | 1299 mm              |
| HDMI ports quantity *                 | 2                          | Display weight                    | 42 kg                |
| HDMI version                          | 2.0                        | Packaging data                    |                      |
| DVI port *                            | ✗                          | Package width                     | 940 mm               |
| USB port *                            | ✓                          | Package depth                     | 367 mm               |
| USB ports quantity                    | 2                          | Package height                    | 1466 mm              |
| Ethernet LAN (RJ-45) ports            | 1                          | Package volume                    | 52000 cm³            |
| RS-232 interface                      | ✓                          | Operational conditions            |                      |
| Infrared data port                    | ✓                          | Operating temperature (T-T)       | 0 - 40 °C            |
| Remote (IR) input                     | 1                          | Operating relative humidity (H-H) | 10 - 80%             |
| Design                                |                            | Certificates                      |                      |
| Product design *                      | Digital signage flat panel | Certification                     |                      |
| Placement supported *                 | Indoor/outdoor             |                                   |                      |
| Orientation                           | Vertical                   |                                   |                      |
| Product colour *                      | Black                      |                                   |                      |

| Design               |         | Network            |         |
|----------------------|---------|--------------------|---------|
| Screen shape         | Flat    | Ethernet LAN *     | ✓       |
| Bezel width (bottom) | 2.28 cm | Wi-Fi *            | ✓       |
| Bezel width (side)   | 2.28 cm | Other features     |         |
|                      |         | Flash memory       | 8000 MB |
|                      |         | RS-232 input ports | 1       |



8806094036091

### Catalog Object Cloud



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