

## Samsung QH55C Digital signage flat panel 139.7 cm (55") LED Wi-Fi 700 cd/m<sup>2</sup> 4K Ultra HD Black Built-in processor Tizen 24/7

**Brand :** Samsung

**Product code:** LH55QHCEBGXEN

**Product name :** QH55C



Samsung QH55C. Product design: Digital signage flat panel. Display diagonal: 139.7 cm (55"), Display technology: LED, Display resolution: 3840 x 2160 pixels, Display brightness: 700 cd/m<sup>2</sup>, HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Tizen. Product colour: Black



| Display                       |                       | Design                                  |                      |
|-------------------------------|-----------------------|---|----------------------|
| LED backlight                 | ✓                     | Panel mounting interface                | 200 x 200 mm         |
| LED backlighting type         | Edge-LED              | <b>Performance</b>                      |                      |
| Display diagonal *            | 139.7 cm (55")        | Operating hours (hours/days)            | 24/7                 |
| Display technology *          | LED                   | <b>Power</b>                            |                      |
| Display resolution *          | 3840 x 2160 pixels    | Power consumption (typical) *           | 109 W                |
| Display brightness *          | 700 cd/m <sup>2</sup> | Power consumption (standby) *           | 0.5 W                |
| HD type *                     | 4K Ultra HD           | Energy efficiency class (SDR)           | G                    |
| Native aspect ratio           | 16:9                  | Energy consumption (SDR) per 1000 hours | 109 kWh              |
| Response time                 | 8 ms                  | Energy efficiency scale                 | A to G               |
| Contrast ratio (typical)      | 4000:1                | <b>Computer system</b>                  |                      |
| Viewing angle, horizontal     | 178°                  | Computer system *                       | ✓                    |
| Viewing angle, vertical       | 178°                  | Computer system type                    | System on Chip (SoC) |
| Display number of colours     | 16.7 million colours  | Built-in processor *                    | ✓                    |
| Active display area (W x H)   | 1209.6 x 680.4 mm     | Processor manufacturer                  | ARM                  |
| Display diagonal (metric)     | 138 cm                | Processor family                        | ARM Cortex           |
| Frame width                   | 11.5 mm               | Processor model                         | A73                  |
| Haze rate                     | 25%                   | Processor frequency                     | 1.6 GHz              |
| <b>Ports &amp; interfaces</b> |                       | Processor cores                         | 4                    |
| HDMI ports quantity *         | 3                     | Internal memory                         | 16 GB                |
| HDMI version                  | 2.2                   | Operating system installed              | Tizen                |
| DisplayPorts quantity *       | 1                     | Operating system version                | Tizen 7.0            |
| USB port *                    | ✓                     | <b>Weight &amp; dimensions</b>          |                      |
| USB ports quantity            | 2                     | Display width                           | 1237.9 mm            |
| USB version                   | 2.0                   | Display depth                           | 28.5 mm              |
| Ethernet LAN *                | ✓                     | Display height                          | 708.8 mm             |
| Ethernet LAN (RJ-45) ports    | 1                     | Display weight                          | 16.9 kg              |
| Wi-Fi *                       | ✓                     | <b>Packaging data</b>                   |                      |
| RS-232 interface              | ✓                     | Package width                           | 1403 mm              |
| <b>Audio</b>                  |                       | Package depth                           | 148 mm               |
| Built-in speaker(s) *         | ✓                     | Package height                          | 835 mm               |
| Number of built-in speakers   | 2                     |   |                      |
| RMS rated power               | 10 W                  |   |                      |

| Design           |                            | Packaging data                    |                       |
|------------------|----------------------------|-----------------------------------|-----------------------|
| Product design * | Digital signage flat panel | Package volume                    | 21100 cm <sup>3</sup> |
| Product colour * | Black                      | <b>Operational conditions</b>     |                       |
| VESA mounting *  | ✓                          | Operating temperature (T-T)       | 0 - 40 °C             |
|                  |                            | Operating relative humidity (H-H) | 10 - 80%              |



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