

## Samsung QB55C Digital signage flat panel 139.7 cm (55") LCD Wi-Fi 350 cd/m<sup>2</sup> 4K Ultra HD Black Built-in processor Tizen 16/7

**Brand :** Samsung

**Product family:** QBC

**Product code:**  
LH55QBCEBGCXEN

**Product name :** QB55C



- Ultra Slim Depth
- Even bezel

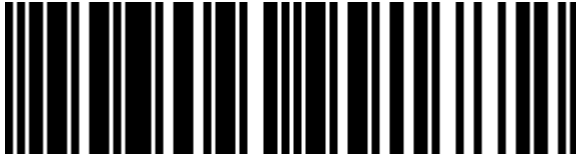
- Centered VESA Holes

55", VA, 4K UHD (3840 x 2160), 350 nit, 4000:1, 178/178, 8 ms, WiFi, Bluetooth, RJ-45, HDCP, HDMI, RS232, AC 100-240V, 50/60Hz, 1237.9 x 708.8 x 28.5 mm, 15.7 kg

Samsung QB55C. Product design: Digital signage flat panel. Display diagonal: 139.7 cm (55"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 350 cd/m<sup>2</sup>, HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 16/7. Operating system installed: Tizen. Product colour: Black

| Display                               |                       | Performance                             |                      |
|---------------------------------------|-----------------------|---|----------------------|
| Panel type                            | VA                    | Purpose *                               | Universal            |
| Display diagonal *                    | 139.7 cm (55")        | Operating hours (hours/days)            | 16/7                 |
| Display technology *                  | LCD                   | HDCP                                    | ✓                    |
| Display resolution *                  | 3840 x 2160 pixels    | HDCP version                            | 2.2                  |
| Display brightness *                  | 350 cd/m <sup>2</sup> | <b>Power</b>                            |                      |
| HD type *                             | 4K Ultra HD           | Power consumption (typical) *           | 154 W                |
| Touchscreen *                         | ✗                     | Power consumption (sleep)               | 0.5 W                |
| Response time                         | 8 ms                  | Energy efficiency class (SDR)           | G                    |
| Contrast ratio (typical)              | 4000:1                | Energy consumption (SDR) per 1000 hours | 85 kWh               |
| Dynamic contrast ratio marketing name | Mega Contrast         | AC input voltage                        | 100-240 V            |
| Viewing angle, horizontal             | 178°                  | AC input frequency                      | 50-60 Hz             |
| Viewing angle, vertical               | 178°                  | Energy efficiency scale                 | A to G               |
| Pixel pitch                           | 0.315 x 0.315 mm      | <b>Computer system</b>                  |                      |
| Display diagonal (metric)             | 138 cm                | Computer system *                       | ✓                    |
| Horizontal scan range                 | 30 - 81 kHz           | Computer system type                    | System on Chip (SoC) |
| Vertical scan range                   | 48 - 75 Hz            | Built-in processor *                    | ✓                    |
| Haze rate                             | 2%                    | Operating system installed              | Tizen                |
| Pixel frequency (max)                 | 594 MHz               | Operating system version                | 7.0                  |
| RGB colour space                      | NTSC                  | <b>Weight &amp; dimensions</b>          |                      |
| Colour gamut                          | 72%                   | Display width                           | 1237.9 mm            |
| <b>Ports &amp; interfaces</b>         |                       | Display depth                           | 28.5 mm              |
| HDMI ports quantity *                 | 3                     | Display height                          | 708.8 mm             |
| HDMI version                          | 2.0                   | Display weight                          | 15.7 kg              |
| HDMI input ports quantity             | 3                     | <b>Packaging data</b>                   |                      |
| DVI port *                            | ✗                     | Package width                           | 1403 mm              |
| USB port *                            | ✓                     | Package depth                           | 148 mm               |
| USB ports quantity                    | 2                     | Package height                          | 835 mm               |
| Ethernet LAN *                        | ✓                     | Package weight                          | 19.9 kg              |
| Ethernet LAN (RJ-45) ports            | 1                     | <b>Packaging content</b>                |                      |
| Wi-Fi *                               | ✓                     | Stand included                          | ✗                    |
| RS-232 interface                      | ✓                     |   |                      |
| Infrared data port                    | ✓                     |   |                      |
| Remote (IR) input                     | 1                     |   |                      |

| Design                   |                            | Operational conditions            |                          |
|--------------------------|----------------------------|-----------------------------------|--------------------------|
| Product design *         | Digital signage flat panel | Operating temperature (T-T)       | 0 - 40 °C                |
| Placement supported *    | Indoor                     | Operating relative humidity (H-H) | 10 - 80%                 |
| Product colour *         | Black                      | <b>Certificates</b>               |                          |
| Screen shape             | Flat                       | Certification                     | Class B 60950-1, 62368-1 |
| VESA mounting *          | ✓                          | <b>Technical details</b>          |                          |
| Panel mounting interface | 200 x 200 mm               | Audio out (mini jack)             | 1                        |
| Bezel width (bottom)     | 1.15 cm                    | <b>Other features</b>             |                          |
| Bezel width (side)       | 1.15 cm                    | Bluetooth                         | ✓                        |
| Bezel width (top)        | 1.15 cm                    | Flash memory                      | 8000 MB                  |
| Bezel colour             | Charcoal Black             | RS-232 input ports                | 1                        |
| Mounting type            | Wall                       | RS-232 output ports               | 1                        |
|                          |                            | RJ-45 input ports                 | 1                        |
|                          |                            | Optional features                 | WMN-B50SC STN-L4355C     |



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