

## Samsung QB65C Digital signage flat panel 165.1 cm (65") LCD Wi-Fi 350 cd/m<sup>2</sup> 4K Ultra HD Black Built-in processor Tizen 7.0 16/7

**Brand :** Samsung

**Product family:** QBC

**Product code:**  
LH65QBCEBGCXEN

**Product name :** QB65C



Samsung QB65C. Product design: Digital signage flat panel. Display diagonal: 165.1 cm (65"), 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 7.0. Product colour: Black

| Display                               |                       | Performance                             |                          |
|---------------------------------------|-----------------------|---|--------------------------|
| Panel type                            | VA                    | Purpose *                               | Universal                |
| Display diagonal *                    | 165.1 cm (65")        | 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) *           | 187 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 | 104 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                           | 0.372 x 0.372 mm      | <b>Computer system</b>                  |                          |
| Display diagonal (metric)             | 163 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 7.0                |
| Pixel frequency (max)                 | 594 MHz               | <b>Weight &amp; dimensions</b>          |                          |
| RGB colour space                      | NTSC                  | Display width                           | 1456.8 mm                |
| <b>Ports &amp; interfaces</b>         |                       | Display depth                           | 28.5 mm                  |
| HDMI ports quantity *                 | 3                     | Display height                          | 831.9 mm                 |
| HDMI version                          | 2.0                   | Display weight                          | 21.5 kg                  |
| HDMI input ports quantity             | 3                     | <b>Packaging data</b>                   |                          |
| DVI port *                            | ✗                     | Package width                           | 1616 mm                  |
| USB port *                            | ✓                     | Package depth                           | 164 mm                   |
| USB ports quantity                    | 2                     | Package height                          | 945 mm                   |
| Ethernet LAN *                        | ✓                     | Package weight                          | 28 kg                    |
| Ethernet LAN (RJ-45) ports            | 1                     | <b>Operational conditions</b>           |                          |
| Wi-Fi *                               | ✓                     | Operating temperature (T-T)             | 0 - 40 °C                |
| RS-232 interface                      | ✓                     | Operating relative humidity (H-H)       | 10 - 80%                 |
| Infrared data port                    | ✓                     | <b>Certificates</b>                     |                          |
| Remote (IR) input                     | 1                     | Certification                           | Class B 60950-1, 62368-1 |

| Design                   |                            | Technical details     |                      |
|--------------------------|----------------------------|-----------------------|----------------------|
| Product design *         | Digital signage flat panel | Audio out (mini jack) | 1                    |
| Placement supported *    | Indoor                     | <b>Other features</b> |                      |
| Product colour *         | Black                      | Bluetooth             | ✓                    |
| Screen shape             | Flat                       | Flash memory          | 8000 MB              |
| VESA mounting *          | ✓                          | RS-232 input ports    | 1                    |
| Panel mounting interface | 400 x 300 mm               | RS-232 output ports   | 1                    |
| Bezel width (bottom)     | 1.15 cm                    | RJ-45 input ports     | 1                    |
| Bezel width (side)       | 1.15 cm                    | Optional features     | WMN-B50SC STN-L6585C |
| Bezel width (top)        | 1.15 cm                    |                       |                      |
| Bezel colour             | Charcoal Black             |                       |                      |



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