# Samsung QB65C Digital signage flat panel 165.1 cm (65") LCD Wi-Fi 350 cd/m² 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/m², HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 16/7. Operating system installed: Tizen 7.0. Product colour: Black

## Display

| | |
|---|---|
| Panel type | VA |
| Display diagonal * | 165.1 cm (65") |
| Display technology * | LCD |
| Display resolution * | 3840 x 2160 pixels |
| Display brightness * | 350 cd/m² |
| HD type * | 4K Ultra HD |
| Touchscreen * | ✖ |
| Response time | 8 ms |
| Contrast ratio (typical) | 4000:1 |
| Dynamic contrast ratio marketing name | Mega Contrast |
| Viewing angle, horizontal | 178° |
| Viewing angle, vertical | 178° |
| Pixel pitch | 0.372 x 0.372 mm |
| Display diagonal (metric) | 163 cm |
| Horizontal scan range | 30 - 81 kHz |
| Vertical scan range | 48 - 75 Hz |
| Haze rate | 2% |
| Pixel frequency (max) | 594 MHz |
| RGB colour space | NTSC |

## Ports & interfaces

| | |
|---|---|
| HDMI ports quantity * | 3 |
| HDMI version | 2.0 |
| HDMI input ports quantity | 3 |
| DVI port * | ✖ |
| USB port * | ✔ |
| USB ports quantity | 2 |
| Ethernet LAN * | ✔ |
| Ethernet LAN (RJ-45) ports | 1 |
| Wi-Fi * | ✔ |
| RS-232 interface | ✔ |
| Infrared data port | ✔ |
| Remote (IR) input | 1 |

## Design

| | |
|---|---|
| Product design * | Digital signage flat panel |

## Performance

| | |
|---|---|
| Purpose * | Universal |
| Operating hours (hours/days) | 16/7 |
| HDCP | ✔ |
| HDCP version | 2.2 |

## Power

| | |
|---|---|
| Power consumption (typical) * | 187 W |
| Power consumption (sleep) | 0.5 W |
| Energy efficiency class (SDR) | G |
| Energy consumption (SDR) per 1000 hours | 104 kWh |
| AC input voltage | 100 - 240 V |
| AC input frequency | 50/60 Hz |
| Energy efficiency scale | A to G |

## Computer system

| | |
|---|---|
| Computer system * | ✔ |
| Computer system type | System on Chip (SoC) |
| Built-in processor * | ✔ |
| Operating system installed | Tizen 7.0 |

## Weight & dimensions

| | |
|---|---|
| Display width | 1456.8 mm |
| Display depth | 28.5 mm |
| Display height | 831.9 mm |
| Display weight | 21.5 kg |

## Packaging data

| | |
|---|---|
| Package width | 1616 mm |
| Package depth | 164 mm |
| Package height | 945 mm |
| Package weight | 28 kg |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 0 - 40 °C |
| Operating relative humidity (H-H) | 10 - 80% |

## Certificates

| | |
|---|---|
| Certification | Class B 60950-1, 62368-1 |

## Design

| | |
|---|---|
| Placement supported * | Indoor |
| Product colour * | Black |
| Screen shape | Flat |
| VESA mounting * | ✓ |
| Panel mounting interface | 400 x 300 mm |
| Bezel width (bottom) | 1.15 cm |
| Bezel width (side) | 1.15 cm |
| Bezel width (top) | 1.15 cm |
| Bezel colour | Charcoal Black |

## Technical details

| | |
|---|---|
| Audio out (mini jack) | 1 |

## Other features

| | |
|---|---|
| Bluetooth | ✓ |
| Flash memory | 8000 MB |
| RS-232 input ports | 1 |
| RS-232 output ports | 1 |
| RJ-45 input ports | 1 |
| Optional features | WMN-B50SC STN-L6585C |

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