**SAMSUNG**

# Samsung QBB QB43B Digital signage flat panel 109.2 cm (43") LCD Wi-Fi 350 cd/m² 4K Ultra HD Black Built-in processor Tizen 6.5 16/7

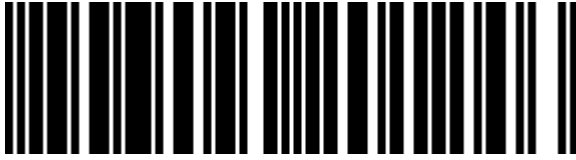**Brand :** Samsung     **Product family:** QBB     **Product code:**
LH43QBBEBGCXEN

**Product name :** QB43B

Samsung QBB QB43B. Product design: Digital signage flat panel. Display diagonal: 109.2 cm (43"), 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 6.5. Product colour: Black

A to G   **G**

## Display

| | |
|---|---|
| Panel type | VA |
| Display diagonal * | 109.2 cm (43") |
| 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 | 0.245 x 0.245 mm |
| Display diagonal (metric) | 108 cm |
| Horizontal scan range | 30 - 81 kHz |
| Vertical scan range | 48 - 75 Hz |
| Haze rate | 2% |
| Pixel frequency (max) | 594 MHz |
| RGB colour space | DCI-P3 |
| Colour gamut | 92% |

## 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 |

## Performance

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

## Power

| | |
|---|---|
| Power consumption (typical) * | 110 W |
| Power consumption (sleep) | 0.5 W |
| Energy efficiency class (SDR) | G |
| Energy consumption (SDR) per 1000 hours | 79 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 6.5 |

## Weight & dimensions

| | |
|---|---|
| Display width | 967.5 mm |
| Display depth | 48.3 mm |
| Display height | 557.7 mm |
| Display weight | 10 kg |

## Packaging data

| | |
|---|---|
| Package width | 1095 mm |
| Package depth | 151 mm |
| Package height | 676 mm |
| Package weight | 13.2 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

| | |
|---|---|
| Product design * | Digital signage flat panel |
| Placement supported * | Indoor |
| Product colour * | Black |
| Screen shape | Flat |
| VESA mounting * | ✓ |
| Panel mounting interface | 200 x 200 mm |
| Bezel width (bottom) | 1.12 cm |
| Bezel width (side) | 9.2 mm |
| Bezel width (top) | 9.2 mm |
| Bezel colour | Charcoal Black |
| Mounting type | Wall |

## Logistics data

| | |
|---|---|
| Harmonized System (HS) code | 85285210 |

## 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 | WMN4070SG STN-L4355G |

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