

## Samsung QB98T-B Digital signage flat panel 2.49 m (98") LCD Wi-Fi 350 cd/m<sup>2</sup> 4K Ultra HD Black Built-in processor Tizen 4.0

**Brand :** Samsung

**Product family:** QBT-B

**Product code:**  
LH98QBTBPGCXEN

**Product name :** QB98T-B



- Incredible 4K picture quality  
- Crystal Processor 4K  
- Dynamic Crystal Display  
98", IPS, 4K UHD (3840 x 2160), 350 nit, 1200:1, 178/178, 8 ms, Wi-Fi, RJ-45, HDCP, HDMI, DVI, DP, RS232, AC 100-240V, 50/60Hz, 2195.8 x 1250.8 x 96.5 mm, 83 kg  
Samsung QB98T-B. Product design: Digital signage flat panel. Display diagonal: 2.49 m (98"), 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 system installed: Tizen 4.0. Product colour: Black

| Display                               |                            | Design                            |                          |
|---------------------------------------|----------------------------|-----------------------------------|--------------------------|
| Panel type                            | IPS                        | Bezel width (top)                 | 1.79 cm                  |
| Display diagonal *                    | 2.49 m (98")               | Bezel colour                      | Charcoal Black           |
| Display technology *                  | LCD                        | <b>Performance</b>                |                          |
| Display resolution *                  | 3840 x 2160 pixels         | Purpose *                         | Universal                |
| Display brightness *                  | 350 cd/m <sup>2</sup>      | HDCP                              | ✓                        |
| HD type *                             | 4K Ultra HD                | HDCP version                      | 2.2                      |
| Touchscreen *                         | ✗                          | <b>Power</b>                      |                          |
| Response time                         | 8 ms                       | Power consumption (typical) *     | 462 W                    |
| Contrast ratio (typical)              | 1200:1                     | Power consumption (sleep)         | 0.5 W                    |
| 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°                       | <b>Computer system</b>            |                          |
| Pixel pitch                           | 0.5622 x 0.5622 mm         | Computer system *                 | ✓                        |
| Native refresh rate                   | 60 Hz                      | Computer system type              | System on Chip (SoC)     |
| Haze rate                             | 25%                        | Built-in processor *              | ✓                        |
| Pixel frequency (max)                 | 594 MHz                    | Operating system installed        | Tizen 4.0                |
| Colour gamut                          | 72%                        | <b>Weight &amp; dimensions</b>    |                          |
| <b>Ports &amp; interfaces</b>         |                            | Display width                     | 2195 mm                  |
| HDMI ports quantity *                 | 2                          | Display depth                     | 96 mm                    |
| HDMI version                          | 2.0                        | Display height                    | 1250 mm                  |
| HDMI input ports quantity             | 2                          | Display weight                    | 83 kg                    |
| DVI port *                            | ✓                          | <b>Packaging data</b>             |                          |
| DisplayPorts quantity *               | 1                          | Package width                     | 2369 mm                  |
| DisplayPorts in                       | 1                          | Package depth                     | 350 mm                   |
| DisplayPort version                   | 1.2                        | Package height                    | 1405 mm                  |
| USB port *                            | ✓                          | Package weight                    | 106 kg                   |
| USB ports quantity                    | 2                          | <b>Operational conditions</b>     |                          |
| Ethernet LAN *                        | ✓                          | Operating temperature (T-T)       | 0 - 40 °C                |
| Ethernet LAN (RJ-45) ports            | 1                          | Operating relative humidity (H-H) | 10 - 80%                 |
| Wi-Fi *                               | ✓                          | <b>Certificates</b>               |                          |
| RS-232 interface                      | ✓                          | Certification                     | Class A 60950-1, 62368-1 |
| Infrared data port                    | ✓                          | <b>Logistics data</b>             |                          |
| Remote (IR) input                     | 1                          | Harmonized System (HS) code       | 85285210                 |
| <b>Design</b>                         |                            | <b>Technical details</b>          |                          |
| Product design *                      | Digital signage flat panel | Audio out (mini jack)             | 1                        |
| Placement supported *                 | Indoor                     |                                   |                          |
| Product colour *                      | Black                      |                                   |                          |
| Screen shape                          | Flat                       |                                   |                          |

| Design                   |              | Other features      |           |
|--------------------------|--------------|---------------------|-----------|
| VESA mounting *          | ✓            | Audio input         | ✓         |
| Panel mounting interface | 800 x 400 mm | Flash memory        | 8000 MB   |
| Bezel width (bottom)     | 1.79 cm      | RS-232 input ports  | 1         |
| Bezel width (side)       | 1.79 cm      | RS-232 output ports | 1         |
|                          |              | Video out           | ✓         |
|                          |              | RJ-45 input ports   | 1         |
|                          |              | Optional features   | WMN8200SG |



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