

Samsung QH50C Digital signage flat panel 127 cm (50") LCD Wi-Fi 700 cd/m² 4K Ultra HD Black Built-in processor Tizen 24/7

Brand : Samsung

Product family: QHC

Product code:
LH50QHCEBGXEN

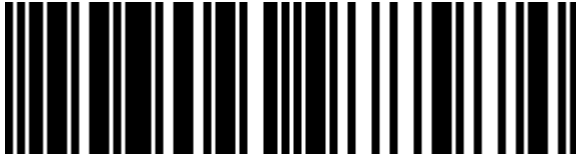
Product name : QH50C



Samsung QH50C. Product design: Digital signage flat panel. Display diagonal: 127 cm (50"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 700 cd/m², HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Tizen. Product colour: Black

| Display | | Design | |
|---------------------------------------|-----------------------|---|----------------------|
| Panel type | VA | Bezel colour | Charcoal Black |
| Display diagonal * | 127 cm (50") | Performance | |
| Display technology * | LCD | Purpose * | Universal |
| Display resolution * | 3840 x 2160 pixels | Operating hours (hours/days) | 24/7 |
| Display brightness * | 700 cd/m ² | HDCP | ✓ |
| HD type * | 4K Ultra HD | HDCP version | 2.2 |
| Touchscreen * | ✗ | Power | |
| Response time | 10 ms | Power consumption (typical) * | 165 W |
| Contrast ratio (typical) | 4000:1 | Power consumption (sleep) | 0.5 W |
| Dynamic contrast ratio marketing name | Mega Contrast | Energy efficiency class (SDR) | G |
| Viewing angle, horizontal | 178° | Energy consumption (SDR) per 1000 hours | 108 kWh |
| Viewing angle, vertical | 178° | AC input voltage | 100 - 240 V |
| Pixel pitch | 0.285 x 0.285 mm | AC input frequency | 50/60 Hz |
| Display diagonal (metric) | 125 cm | Energy efficiency scale | A to G |
| Horizontal scan range | 30 - 81 kHz | Computer system | |
| Vertical scan range | 48 - 75 Hz | Computer system * | ✓ |
| Haze rate | 25% | Computer system type | System on Chip (SoC) |
| Pixel frequency (max) | 594 MHz | Built-in processor * | ✓ |
| RGB colour space | NTSC | Operating system installed | Tizen |
| Colour gamut | 72% | Operating system version | 7.0 |
| Ports & interfaces | | Weight & dimensions | |
| HDMI ports quantity * | 3 | Display width | 1124.1 mm |
| HDMI version | 2.0 | Display depth | 28.5 mm |
| HDMI input ports quantity | 3 | Display height | 644.8 mm |
| DVI port * | ✗ | Display weight | 12.4 kg |
| DisplayPorts quantity * | 1 | Packaging data | |
| DisplayPorts in | 1 | Package width | 1246 mm |
| DisplayPort version | 1.2 | Package depth | 131 mm |
| USB port * | ✓ | Package height | 761 mm |
| USB ports quantity | 2 | Package weight | 16.2 kg |
| Ethernet LAN * | ✓ | Operational conditions | |
| Ethernet LAN (RJ-45) ports | 1 | Operating temperature (T-T) | 0 - 40 °C |
| Wi-Fi * | ✓ | | |
| RS-232 interface | ✓ | | |
| Infrared data port | ✓ | | |

| Ports & interfaces | | Operational conditions | |
|--------------------------|----------------------------|-----------------------------------|--------------------------|
| Remote (IR) input | 1 | Operating relative humidity (H-H) | 10 - 80% |
| Design | | Certificates | |
| Product design * | Digital signage flat panel | Certification | Class B 60950-1, 62368-1 |
| Placement supported * | Indoor | Technical details | |
| Product colour * | Black | Audio out (mini jack) | 1 |
| Screen shape | Flat | Other features | |
| VESA mounting * | ✓ | Bluetooth | ✓ |
| Panel mounting interface | 200 x 200 mm | Flash memory | 16000 MB |
| Bezel width (bottom) | 1.15 cm | RS-232 input ports | 1 |
| Bezel width (side) | 1.15 cm | RS-232 output ports | 1 |
| Bezel width (top) | 1.15 cm | RJ-45 input ports | 1 |
| | | Optional features | WMN-B50SC STN-L4355C |



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