

# Panasonic

## BUSINESS

## SQ1 Series

4K UHD DISPLAYS

98-inch TH-98SQ1W 55-inch TH-55SQ1W  
86-inch TH-86SQ1W 49-inch TH-49SQ1W  
65-inch TH-65SQ1W 43-inch TH-43SQ1W

\*Availability varies depending on model



Stylish Designs Combine Powerful Function and Performance for Various Commercial Applications

### ■ Main Features



Actual resolution: 3840 x 2160p

### 01 | Brilliant 4K picture quality

Stunning Panasonic 4K quality, further supporting HDR and BT.2020 emulation. With a wide viewing angle and Anti-glare panels, an excellent choice for meeting rooms and signage applications where images are viewed up close.

### 02 | Superb Reliability

Features a professional grade IPS panel, for efficiency and high reliability for continuous 24/7 Operation.

### 03 | Wide Expandability

Equipped with the new Intel® SDM specification slot standard, SQ1 Series can be combined with the interface board for simple but Wide system interoperability.



|             | TH-98SQ1W             | TH-86SQ1W | TH-65SQ1W | TH-55SQ1W | TH-49SQ1W | TH-43SQ1W |
|-------------|-----------------------|-----------|-----------|-----------|-----------|-----------|
| Screen Size | 98-inch               | 86-inch   | 65-inch   | 55-inch   | 49-inch   | 43-inch   |
| Brightness  | 500 cd/m <sup>2</sup> |           |           |           |           |           |
| Contrast    | 1300:1                | 1200:1    | 1100:1    |           | 1000:1    |           |
| LCD Panel   | IPS                   |           |           |           |           |           |
| Resolution  | 4K (3840 x 2160)      |           |           |           |           |           |

## Supports Intel® SDM Specification Slot Standard

The SQ1 Series is equipped with the new Intel® SDM specification slot standard that supports 4K signals. Combined with the interface board, you can easily use a built-in PC and add various interfaces.



## Easy Display of Images Optimized for the Display Content

The SQ1 Series comes with an extensive display menu to let you select the most suitable mode for the content to be displayed and the viewing environment. You can select the best mode for the video source and the place of display. The SQ1 Series also features 12-axis color management (RGB/CMY and intermediate colors) for simpler, more precise adjustment of content color.



Vivid signage



Standard



Natural signage



Graphic

## Multi Input Screen Capability with No Processor Required

The SQ1 Series can simultaneously display multiple images on a single screen. In addition to 4 multi screens, the SQ1 Series can 2 screens, such as PinP, PbyP. This is clear for checking details in various applications, including videoconferences, digital signage, and surveillance monitoring.



## Specifications

| Model  |                                | TH-98SQ1W   | TH-86SQ1W                                      | TH-65SQ1W  | TH-55SQ1W   | TH-49SQ1W                                    | TH-43SQ1W                    |
|--|--------------------------------|---|--|--|---|--|------------------------------|
| Display Panel  | Panel size                     | 98-inch (2576 mm)   | 86-inch (2174 mm)                              | 65-inch (1638 mm)  | 55-inch (1387 mm)   | 49-inch (1232 mm)                            | 43-inch (1079 mm)            |
|  | Panel type / Backlight         | IPS/Direct LED  | IPS/Edge LED                                   |  |   |  |                              |
|  | Aspect ratio                   | 16:9  |  |  |   |  |                              |
|  | Effective display area (W x H) | 2158 x 1214 mm (84.9" x 47.8")  | 1895 x 1065 mm (74.6" x 41.9")                 | 1428 x 803 mm (56.2" x 31.6")                                  | 1209 x 680 mm (47.6" x 26.7")                                   | 1073 x 604 mm (42.2" x 23.7")                | 941 x 529 mm (37.0" x 20.8") |
|  | Resolution                     | 3840 x 2160   |  |  |   |  |                              |
|  | Brightness (typ.)              | 500 cd/m <sup>2</sup>   |  |  |   |  |                              |
|  | Contrast ratio (typ.)          | 1300:1  | 1200:1   | 1100:1   |   |  | 1000:1                       |
|  | Response time (typ.)           | 8.0 ms (G to G)   |  |  |   |  |                              |
|  | Viewing angle [(T/B)/(L/R)]    | 178° / 178° (CR≥10)   |  |  |   |  |                              |
|  | Panel Surface Treatment        | Anti-Glare (Haze 28 %)  |  |  |   |  |                              |
| Terminals  | HDMI In                        | TYPE A Connector x 2 (HDCP2.2 supported)  |  |  |   |  |                              |
|  | DisplayPort In                 | DisplayPort x 1 (HDCP2.2 supported)   |  |  |   |  |                              |
|  | DisplayPort Out                | DisplayPort x 1 (HDCP1.4 supported)   |  |  |   |  |                              |
|  | DVI-D/Audio In (L/R)           | DVI-D 24-pin x 1/Stereo Mini Jack (M3) x 2 (Shared with PC In)  |  |  |   |  |                              |
|  | PC In/Audio In (L/R)           | Mini D-sub 15-pin x 1 (Female)/Stereo Mini Jack (M3) x 2 (Shared with DVI-D In)   |  |  |   |  |                              |
|  | Serial                         | D-sub 9-pin x 1 RS232C Compatible   |  |  |   |  |                              |
|  | IR In/Out                      | Stereo Mini Jack (M3) x 1/x 1   |  |  |   |  |                              |
|  | Audio Out                      | 30 W (15 W + 15 W) 10% THD  |  |  |   |  |                              |
|  | LAN                            | RJ45 x 1, 10 BASE-T / 100 BASE-TX, Compatible with PLink™   |  |  |   |  |                              |
|  | DIGITAL LINK                   | RJ45 x 1, 100 BASE-TX, Compatible with long reach mode and PLink™   |  |  |   |  |                              |
|  | Slot                           | Intel® SDM specification Corresponding size SDM-S / SDM-L   |  |  |   |  |                              |
|  | USB                            | USB Connector (TYPE-A) x 2, DC 5 V/2 A, DC 5V/1A (USB 3.0 Supported)  |  |  |   |  |                              |
| Built-in speaker   |                                | 20 W [10 W + 10 W]  |  |  |   |  |                              |
| Power requirements   |                                | 220-240 V AC, 50/60 Hz  |  |  |   |  |                              |
| Power consumption  |                                | 685 W   | 480 W  | 320 W  | 300 W   | 285 W  | TBD                          |
| Power off condition  |                                | Approx. 0.3 W   | Approx. 0.3 W                                  | Approx. 0.3 W  | Approx. 0.3 W   | Approx. 0.3 W                                | TBD                          |
| Standby condition  |                                | Approx. 0.5 W   | Approx. 0.5 W                                  | Approx. 0.5 W  | Approx. 0.5 W   | Approx. 0.5 W                                | TBD                          |
| Dimensions (W x H x D)<br><i>* The handle part included.</i> |                                | 2194 x 1249 x 90 mm<br>(86.4" x 49.2" x 3.6")   | 1928 x 1099 x 86 mm<br>(76.0" x 43.3" x 3.4")  | 1458 x 836 x 77 mm<br>(57.4" x 32.9" x 3.1")                   | 1240 x 714 x 74 mm<br>(48.9" x 28.1" x 2.9")                    | 1104 x 637 x 74 mm<br>(43.5" x 25.1" x 2.9") | TBD                          |
| Weight   |                                | 90 kg (198.5 lbs.)  | 66 kg (145.5 lbs.)                             | 36.0 kg (79.4 lbs.)  | 25.5 kg (56.3 lbs.)   | 21.0 kg (46.3 lbs.)                          | TBD                          |
| Bezel width  |                                | 16.0 mm (0.63") (T/B/L/R)   | 15.2 mm (0.6") (T/B/L/R)                       | 11.7 mm (0.46") (T), 15.3 mm (0.6") (B), 12.2 mm (0.48") (L/R) | 12.2 mm (0.48") (T), 15.8 mm (0.62") (B), 12.7 mm (0.50") (L/R) | 14.2 mm (0.56") (T/B), 12.9 mm (0.51") (L/R) | TBD                          |
| Wall-hanging pitch   |                                | 800 x 500 mm (31.5" x 19.7")<br>VESA Compliant  | 600 x 400 mm (23.6" x 15.8")<br>VESA Compliant | 400 x 400 mm (15.8" x 15.8")<br>VESA Compliant                 |   |  | TBD                          |
| Operating time   |                                | 24 h/day  |  |  |   |  |                              |
| Operating environment  | Temperature                    | 0 °C to 40 °C (32 °F to 104 °F)/Altitude 0-1400 m (4593 ft), 0 °C to 35 °C (32 °F to 95 °F)/Altitude 1400-2800 m (4593 ft to 9186 ft) |  |  |   |  |                              |
|  | Humidity                       | 20-80% (Non condensation)   |  |  |   |  |                              |

### Optional Accessories

#### • Pedestal

TY-ST55PE9 (for 65", 55")  
TY-ST43PE9 (for 49", 43")

#### • Wall Hanging Bracket

TY-WK98PV1 (for 98", 86", 65")

\* Availability varies depending on the country.

#### • Early Warning Software<sup>1</sup>

ET-SWA100/105 Series<sup>2</sup>

<sup>1</sup>: Multi Monitoring & Control Software ver.2.1 or later required.

<sup>2</sup>: Part number suffix may differ depending on the license type.

#### • Auto Display Adjustment Upgrade Kit

TY-VUK10

• Video Wall Manager Ver.1.11 or later required.

### Software (free)

#### • Content Management Software (Ver.3.0 or later)

\* Windows® only.

#### • Multi Monitoring & Control Software (Ver.2.1)

\* Windows® only.

#### • Video Wall Manager

# Panasonic®

Weights and dimensions shown are approximate. Specifications and appearance are subject to change without notice. Product availability may vary on region and country. Intel® is registered trademark or trademark of Intel Corporation, registered in the U.S. and other countries and regions. This product may be subject to export control regulations. The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries. All other trademarks are the property of their respective trademark owners. © 2019 Panasonic Corporation. All rights reserved.



For more information about Panasonic Professional Displays, please visit:

Display Global Website – [panasonic.net/cns/prodisplays](http://panasonic.net/cns/prodisplays)

YouTube – [www.youtube.com/user/PanasonicProDisplay](https://www.youtube.com/user/PanasonicProDisplay)

All information included here is valid as of July 2019.

CT19-G01PF-SQ1 Printed in Japan.