Sharp AQUOS BOARD Interactive Display Systems — Smooth, Intuitive and Made for Sharing
The Sharp AQUOS BOARD PN-L703B/603B interactive display systems are designed for smooth and effortless communication in a wide range of contexts. Their highly responsive touch pens allow several people to write on the same screen at the same time. And SHARP Display Connect software enables multifaceted wireless communication. Whether in the boardroom or the classroom, Sharp changes the way you communicate.

Simple, Intuitive Operation Lets You Focus on Interacting

Simultaneous Writing
Recognizing up to 10 points of contact, the PN-L703B and PN-L603B multi-touch LCD monitors allow up to four people to write on the screen at the same time using touch pens or fingers. Participants can take an active part in meetings, brainstorming sessions, classroom interactions, and more. Discussions and presentations become platforms for effective and lively exchanges of opinions.

Smooth, Highly Responsive Touch Pen
The dedicated touch pen with function buttons is so smooth and light that using it is like writing on paper. A pressure sensor at the tip of this slim and lightweight pen lets you write with high precision and with an effortless and uninterrupted flow.

User-Friendly Pen Software Interface
Using a touch pen, you can easily launch and display the Pen Software user interface—a menu comprising smartly arranged icons that provide easy access to pen settings and functions. Each touch pen has its own dedicated menu, which can be displayed even when up to four people are writing on the screen at the same time. Pen settings such as color and line thickness can be set for each touch pen (with function buttons).

Handwriting Recognition
These LCD monitors feature a handwriting recognition function for converting selected onscreen handwriting into standard text. This convenient function allows you to utilize onscreen content to make neat and legible minutes of your meetings.

Work Smarter with SHARP Display Connect
SHARP Display Connect software supports effective and multifaceted communication. Onscreen content—including handwritten notes and drawings made in real time—can be viewed simultaneously on the AQUOS BOARD display and mobile devices such as PCs, tablets, and smartphones. SHARP Display Connect facilitates interactive presentations, lively discussions, and paperless meetings in both business and educational settings.

4 Number of connectable mobile devices depends on the following conditions.
• LCD monitors
PN-L703B/603B used with bundled software CD-ROM: Max. 50
• OS — Windows® 7: Max. 20; Windows® 8/8.1: Max. 50
5 OS requirements:
Smartphones: Android, iOS


**Touch-Operated Onscreen Display**

Pressing the Touch Menu button displays an onscreen menu that lets you easily switch input sources, change volume level, or turn the touchscreen function on and off without using a remote controller.

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**Minimize Glare and Fingerprints**

Protecting the screen is an anti-glare film that helps work to reduce glare and reflections and minimize fingerprint soiling on the glass.

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**MFP Connectivity**

Documents and images scanned from a color-scan-capable Sharp MFP can be imported directly to the Sharp Pen Software for display on the AQUOS BOARD system. For added convenience, image data shown onscreen—including notations—can be saved to a PC or sent directly to an MFP for printout.

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**Front-Mounted Speakers**

Two speakers (10W + 10W) are mounted low on the front of the LCD monitor to deliver clearer sound.

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**A Wealth of Input/Output Terminals**

The PN-703B and PN-603B interactive displays come standard-equipped with a wealth of input/output terminals—on the side and the bottom of the monitor—to enable easy connection with a wide variety of equipment. This array of terminals includes three HDMI ports, two D-sub ports, two DisplayPort™ terminals (one input, one output), and two touchscreen-supporting USB ports. One of the USB ports can be assigned to a regularly connected PC, such as a host PC used to operate the LCD monitor. The other USB port facilitates temporary connection to another PC, such as one used by a meeting participant. This allows easy PC connection without the need to switch the USB cable.

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**Feature Comparison**

<table>
<thead>
<tr>
<th>Feature</th>
<th>PN-L703B/603B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pen Software&lt;sup&gt;1&lt;/sup&gt;</td>
<td>(bundled; user installed)</td>
</tr>
<tr>
<td>Touch Pen&lt;sup&gt;1&lt;/sup&gt;</td>
<td>w/o function buttons (1 pen)</td>
</tr>
<tr>
<td>SHARP Display Connect&lt;sup&gt;2&lt;/sup&gt;</td>
<td>(bundled; user installed)</td>
</tr>
</tbody>
</table>

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**SHARP Display Connect**

SHARP Display Connect enables the following interactive functions on the AQUOS BOARD display and mobile devices connected via wireless LAN:

- sharing of onscreen content
- transfer of files
- interactive onscreen writing and drawing
- remote control of the AQUOS BOARD display from mobile devices

- Up to 50 mobile devices can be connected simultaneously.

- Files can be exchanged between mobile devices even if they are not connected to the AQUOS BOARD display.

- Users can capture onscreen images and save them on their mobile devices to make personally annotated memos (personal memo).

- SHARP Display Connect also connects two AQUOS BOARD interactive display systems on the same network (intranet, VPN, etc.) to enable larger-scale interactive communications.

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<sup>1</sup> Standard feature
<sup>2</sup> Feature available under conditions indicated in parentheses.
<sup>1</sup> Supports 11 languages (English, German, Spanish, French, Italian, Dutch, Portuguese, Russian, simplified Chinese, traditional Chinese, Japanese).
<sup>2</sup> Please check with your local authorized Sharp dealer/representative on availability.
<sup>3</sup> For details, see the section on SHARP Display Connect.
## Specifications

### Model Name

<table>
<thead>
<tr>
<th>PN-L703B</th>
<th>PN-L603B</th>
</tr>
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<tbody>
<tr>
<td><strong>Installation</strong></td>
<td><strong>Landscape</strong></td>
</tr>
<tr>
<td><strong>LCD Panel</strong></td>
<td><strong>70” Class (69.5” diagonal) U02A LCD</strong></td>
</tr>
<tr>
<td><strong>Max. Resolution</strong></td>
<td><strong>60” Class (60.1” diagonal) U02A LCD</strong></td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td><strong>USB 2.0 (type B) x 2</strong></td>
</tr>
<tr>
<td><strong>Active Area (W x H (approx.))</strong></td>
<td><strong>10 W + 10 W</strong></td>
</tr>
<tr>
<td><strong>Response Time</strong></td>
<td><strong>52 1/2” x 29 1/2”</strong></td>
</tr>
<tr>
<td><strong>Contrast Ratio</strong></td>
<td><strong>52 1/2” x 29 1/2”</strong></td>
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<tr>
<td><strong>Viewing Angle (H/V)</strong></td>
<td><strong>52 1/2” x 29 1/2”</strong></td>
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<td><strong>Resolution</strong></td>
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### Touchscreen

- **Touch Technology**: IR (infrared blocking detection method)
- **PC Connection Port**: USB 2.0 (type B) x 2
- **Power Supply**: Supplied from main unit
- **Multi-Touch**: 10 points
- **Protection Glass**: Thickness: Approx. 3.4 mm³, Shock resistance: 130 cm²
- **Controller**: VESA DDC2B
- **Input Terminals**: VESA DDC2B
- **Protection Glass**: Thickness: Approx. 3.0 mm³, Shock resistance: 130 cm²
- **Output Terminals**: VESA DDC2B
- **Power Management**: VESA DPM
- **Video Color System**: NTSC (3.58 MHz, 4.43 MHz), PAL, PAL60, SECAM
- **Synchronization**: Horizontal/vertical separation (TTL: positive/negative), Sync on green (D-sub 15-pin only), Composite sync (TTL: positive/negative)
- **Speaker Output**: VESA (4 points), 400 x 200 mm pitch, M6 screw
- **Power Consumption**: 225 W
- **Power Supply**: 100 V~240 VAC, 50/60 Hz
- **Environmental Conditions**: Operating Temperature: 5°C to 35°C, Operating Humidity: 20% to 80% RH (no condensation)
- **Dimensions**: (W x D x H) (approx.) (display only): 64 11/16” x 3 11/16” x 13 1/4”
- **Weight**: 130.1 lbs
- **Main Accessories**: AC power cord, remote control unit, batteries (AA size x 2), setup manual, blank sticker, cable clamps x 5, camera mount, USB cable (3.0 m), eraser, pen tray, Touch pen (without function button), SHARP Display Connect software CD-ROM

### Dimensions

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<tr>
<td><strong>Active Screen Area (W x H) (approx.)</strong></td>
<td><strong>10 points</strong></td>
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<tr>
<td><strong>Viewing Angle (H/V)</strong></td>
<td><strong>10 points</strong></td>
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<tr>
<td><strong>Contrast Ratio</strong></td>
<td><strong>60 1/2” x 34 1/2”</strong></td>
</tr>
<tr>
<td><strong>Brightness (average)</strong></td>
<td><strong>60 1/2” x 34 1/2”</strong></td>
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### Windows® PC System Requirements

- **PC**: PC/AT compatible machine with USB 2.0 port and screen resolution of 1,920 x 1,080 (CD-ROM drive required for installation)
- **CPU**: Intel® Core™ i5, Intel® Core™ i7, or AMD Sempron™ 1.6 GHz or higher (Intel® Core™ i5-2 Duo 2.46 GHz, or AMD Athlon™ II x 2 2.8 GHz or higher recommended)
- **OS**: Windows® 7 (32-bit/64-bit), Windows® 8 (32-bit/64-bit), Windows® 8.1 (32-bit/64-bit)
- **Memory**: 2GB or more
- **Hard disk**: 200MB or more free space (additional space required for saving data)

### Options

- **PN-ZL01**: Touch Pen and Touch Pen Adaptor
- **PN-ZL02**: Touch Pen

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