Specifications

Dimensions

* To use the VESA-standard mounting bracket, use M6 screws that are 8 to 10 mm plus the thickness of the bracket.

Screen dimensions  When inserted, the wireless adapter protrudes slightly.

Units: inch (mm)

- The panel can withstand the impact of a 500-gram iron ball dropped on its center. *5
- D-sub input terminal only. *6
- Use a USB connection cable for PC and other video connections. *6
- Analog PC, video, and component video are switchable (on over the lifetime of the product. Due to the physical limitations of the equipment, it is not possible to... of brightness. *3
- Including AG film on the front and AR film on the back. *4
- Approximate distance at which the glass ...

- UV2A stands for Ultraviolet-induced Multi-domain Vertical Alignment, a photo-alignment technology that ensures uniform... liquid crystal molecules. *2
- Brightness depends on input mode and other picture settings. Brightness level will decrease... brightness. *3

Dimensions (W x D x H) (approx.) (display only)

- PN-L603W: 3 1/4 (82) x 31 11/16 (805) x 3 1/16 (890) mm
- PN-L703W: 7 7/8 (200) x 62 3/16 (1,580) x 64 13/16 (1,647) mm

Conditions

- Operating Humidity: 20% to 80% RH (no condensation)
- Operating Temperature: 5˚C to 35˚C

Power Consumption

- 100V – 240V AC, 50/60 Hz
- Power Supply: VESA (4 points), 400 x 200 mm pitch, M6 screw
- Mounting: VESA holes* (200)

External

- Speaker Output Built-in
- Input/Output Terminals*6
- Output Terminals*6
- Input Terminals*6

Power Management

- Plug & Play
- Synchronization

Computer Input  Video

- PC analogue: Mini D-sub 15-pin x 2*7, HDMITM (HDCP and 1080p compatible, PC/AV signal compatible) x 3, 3.5 mm-diameter mini stereo jack x 2
- LAN Terminal
- Wireless Adapter Port
- Wireless Controller
- Function Button
- Touch Pen Communication
- Protection Glass
- Multi Touch
- Power Supply
- PC Connection Port
- Touchscreen Touch Technology
- Backlight
- Active Screen Area (W x H) (approx.)
- Viewing Angle (H/V)
- Contrast Ratio
- Max. Brightness (average)*2
- Pixel Pitch (H x V)
- Max. Display Colors (approx.)

Installation

- Horizontal/vertical separation (TTL: positive/negative), Sync on green*5, Composite sync (TTL: positive/negative)*5
- PC analogue: Mini D-sub 15-pin x 2*7, Component video x 1*7, DisplayPort (HDCP compatible, PC signal compatible) x 1, RS-232C x 1*8

PC System Requirements

- Windows® PC
- Memory: 2 GB or more
- OS: Windows 10 (32-bit/64-bit), Windows 7 (32-bit/64-bit), Windows 8 (32-bit/64-bit), Windows 8.1 (32-bit/64-bit)
- CPU: Intel® Celeron® 1.6 GHz, or AMD Sempron™ 1.6 GHz or higher (Side) (Bottom)
- PC/AT compatible machine with USB 2.0 port and screen resolution of 1,920 x 1,080 (CD-ROM drive required for installation)
- Audio input: Analog RGB (0.7 Vp-p) [75/uni03A9], DisplayPortTM 1.1a
- USB (2.0 compliant) (Type B) x 2
- USB (2.0 compliant) (Type A) x 1
- IR (infrared blocking detection method)
The AQUOS BOARD® Interactive Display That Lets You Bring Your Own Device (BYOD) to Unleash Creativity

PN-L703W/603W touchscreen LCD monitors boast wireless connectivity, enabling a range of different devices to connect to them. Information from the 70" Class (69.5" diagonal) and 60" Class (60.5" diagonal) devices can be displayed in a 2 x 2 split screen, allowing for highly productive interactions. Using SHARP Touch Viewer™ software, you can manipulate various file types in the same work area. The pen digitizer function, meanwhile, distinguishes between pen and finger input and supports natural and seamless operation. These and other superb AQUOS BOARD interactive display features are sure to boost creativity and participation levels in presentations and small-scale meetings, while fulfilling the growing demand for cable-free connection of BYO devices.

Flexible Communications with a Variety of Devices

Wireless Connectivity

Now there’s no need to mess with tangled wires or conversion adaptors when you want to share your ideas. The PN-L703W/603W interactive displays have a built-in wireless controller that enables multiple devices—including Mac® or Windows® computers, smartphones, and tablets—to connect wirelessly via dedicated connection software. Mac and Windows users also have a handy option for quick, temporary connection: they can launch the wireless connection software. Mac and Windows users also have a handy option for quick, temporary connection: they can launch the wireless connection software on the bundled token without pre-installing anything. Thanks to wireless connectivity on the PN-L703W/603W interactive displays, meeting participants can enjoy BYOD freedom as well as speedy and active communications.

Note: Connection software is downloadable from the App Store® online store (iOS® platform) or Google Play™ store (Android™ platform). Additional terms may apply.

Wireless Connection System Requirements

<table>
<thead>
<tr>
<th>Operating System</th>
<th>CPU</th>
<th>OS</th>
<th>Memory</th>
<th>Hard disk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows®  Mac</td>
<td>Intel® Core™ i5 3.1 GHz or higher (Intel® Core™ i7 recommended)</td>
<td>Windows® 7 (32 bit/64 bit), Windows® 8 (32 bit/64 bit)</td>
<td>2 GB or more (4 GB or more recommended)</td>
<td>200 MB capacity or more</td>
</tr>
<tr>
<td>Mac</td>
<td>Intel® Core™ i5 3.1 GHz or higher Intel® Core™ i7 recommended)</td>
<td>Windows® 7 (32 bit/64 bit), Windows® 8 (32 bit/64 bit)</td>
<td>2 GB or more (4 GB or more recommended)</td>
<td>200 MB capacity or more</td>
</tr>
</tbody>
</table>

Overlay Function

In overlay mode, you can write annotations on a transparent screen that overlays the visible onscreen content. Text and graphics written on the AQUOS BOARD interactive display can be captured—along with the contents on the screen—and saved as JPEG files on a connected USB memory device or on a wirelessly connected Mac or Windows computer. The overlay function is a major boon when you want to share meeting notes with participants and others.

Direct Drawing Function

The PN-L703W/603W interactive displays can be quickly switched to enable use of Direct Drawing, a user-friendly function that’s just like using a whiteboard. Even for first-time users, this simple write-and-erase function is easy and intuitive to operate. Screen captures can be saved as JPEG files on a USB memory device.

2 x 2 Split-Screen Display

The PN-L703W/603W interactive displays can connect wirelessly with multiple mobile devices and simultaneously display the onscreen contents of those devices in a 2 x 2 split screen. Alternatively, any one of the individual screens can be enlarged to full-screen size. The screen can be switched either from the AQUOS BOARD interactive display or from a connected device.

Enhanced Security

Because data is not stored during wireless connection, there’s no need to worry about any leakage of confidential information from a discussion or presentation.
Revolutionize Discussions with SHARP Touch Viewer Software

SHARP Touch Viewer software is a touch-operated onscreen user interface that lets you easily view, manipulate, and write annotations on different types of files, including Microsoft® Office applications, videos, and Web pages. Being able to organize a variety of file types in one work area allows you to have more active discussions.

View various types of files in one work area

Various kinds of files—including Microsoft Office files, PDFs, Web pages, and image and video files—can be displayed on the screen as “sheets.” There’s no need to open the respective applications, and you can view all the different files simultaneously in the same work area.

* Viewable files: Microsoft Office (Excel®, Word, PowerPoint®), PDF, JPEG/PNG/BMP/TIFF, and WMV/AVI/MP4/FLV.

Edit original data

Original Microsoft Office files displayed as “sheets” can be easily opened with compatible applications and edited.

Store onscreen layouts

Onscreen layouts of “sheets” can be stored for later retrieval, so you can easily restart a discussion where you left off.

Note: Download SHARP Touch Viewer software from the bundled CD-ROM.

* Drawers can be linked to PC folders or network folders.

Pen Digitizer Functionality Boosts Communicative Potential

The PN-L703W/603W interactive displays feature a pen digitizer function that automatically distinguishes pen and finger input, allowing you to perform pen and touch operations without having to switch modes. The bundled touch pen employs a pressure sensor that faithfully renders your writing style. The pen digitizer function is compatible with Microsoft Office* (Excel, Word, PowerPoint and OneNote®), Adobe Photoshop®, Adobe Illustrator® and SHARP Touch Viewer software.

* Not certified by Microsoft.

Smooth Operation and Comfortable Writing

Simultaneous Writing for Up to 4 People

The PN-L703W/603W interactive displays let you capture ideas at the moment of creation. Recognizing up to 10 touch points, they allow up to four people to write at the same time with a finger or touch pen.

User-Friendly SHARP Pen Software Interface

The easy-to-launch SHARP Pen Software user interface incorporates a menu comprising smartly arranged icons that provide easy access to pen settings and functions. Settings such as color and line thickness can be established for each touch pen. The menus for each pen can be displayed in a floating format that allows them to be moved to any convenient location on the screen.

Touch-operated onscreen menu

Pressing the Touch Menu button on the PN-L703W/603W interactive displays instantly 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.

Handwriting Recognition

A handwriting recognition* function converts selected onscreen handwriting into standard text. This convenient function allows you to utilize onscreen content to make neat and legible minutes of your meetings.

*Works with languages supported by SHARP Pen Software. Please see the SHARP Pen Software manual for supported languages.

Minimize glare and fingerprints

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

Front-mounted speakers

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

SHARP Display Connect

This software is especially effective for communications with large audiences. By allowing the AQUOS BOARD interactive display to share its onscreen content with up to 50 devices*, and by enabling the exchange of files between those devices, SHARP Display Connect facilitates lively discussions and paperless meetings in both business and educational settings.

### Specifications

<table>
<thead>
<tr>
<th>Model Name</th>
<th>PN-L703W</th>
<th>PN-L603W</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Installation</strong></td>
<td>Landscape</td>
<td></td>
</tr>
<tr>
<td><strong>LCD Panel</strong></td>
<td>70&quot; Class (69.5&quot; diagonal) UVA* LCD</td>
<td>60&quot; Class (60.1&quot; diagonal) UVA* LCD</td>
</tr>
<tr>
<td><strong>Max. Resolution</strong></td>
<td>1,920 x 1,080 pixels</td>
<td></td>
</tr>
<tr>
<td><strong>Max. Display Colors</strong></td>
<td>1.06 billion colors</td>
<td></td>
</tr>
<tr>
<td><strong>Pixel Pitch (H x V)</strong></td>
<td>0.802 x 0.802 mm</td>
<td>0.692 x 0.690 mm</td>
</tr>
<tr>
<td><strong>Max. Brightness (average)</strong></td>
<td>300 cd/m²</td>
<td></td>
</tr>
<tr>
<td><strong>Contrast Ratio</strong></td>
<td>3,000 : 1</td>
<td></td>
</tr>
<tr>
<td><strong>Viewing Angle (H/V)</strong></td>
<td>160°/160° (CIR ± 10)</td>
<td></td>
</tr>
<tr>
<td><strong>Active Screen Area (W x H) (approx.)</strong></td>
<td>60 7/16&quot; x 34 1/16&quot;</td>
<td>52 7/16&quot; x 29 7/16&quot;</td>
</tr>
<tr>
<td><strong>Response Time</strong></td>
<td>6 ms (grey to grey, avg.)</td>
<td></td>
</tr>
<tr>
<td><strong>Touchscreen</strong></td>
<td>Touch Technology</td>
<td>Wireless communication method</td>
</tr>
<tr>
<td><strong>PC Connection Port</strong></td>
<td>USB (2.0 compliant) (Type B) x 2</td>
<td></td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>Supplied from main unit</td>
<td></td>
</tr>
<tr>
<td><strong>Multi Touch</strong></td>
<td>10 points</td>
<td></td>
</tr>
<tr>
<td><strong>Protection Glass</strong></td>
<td>Thickness: Approx. 3.4 mm</td>
<td>Thickness: Approx. 3.0 mm</td>
</tr>
<tr>
<td><strong>Edge Lit</strong></td>
<td>LED, edge lit</td>
<td></td>
</tr>
<tr>
<td><strong>Input/Output Terminals*6</strong></td>
<td>[Diagram showing input/output terminals]</td>
<td>[Diagram showing input/output terminals]</td>
</tr>
<tr>
<td><strong>Power Management</strong></td>
<td>VESA DDC2B</td>
<td></td>
</tr>
<tr>
<td><strong>Video Color System</strong></td>
<td>NTSC (525i, 480i, 480p, 576i, 576p, 720p, 1080i, 1080p), PAL, SECAM</td>
<td></td>
</tr>
<tr>
<td><strong>Input Terminals</strong></td>
<td>Component video x 1, Video x 1 (Component video), Video x 1 (VGA)</td>
<td>Component video x 1, Video x 1 (Component video), Video x 1 (VGA), Video x 1 (Component video)</td>
</tr>
<tr>
<td><strong>Output Terminals</strong></td>
<td>3.5 mm-mini stereo jack x 1</td>
<td>3.5 mm-mini stereo jack x 1</td>
</tr>
<tr>
<td><strong>Speaker Output Built-in</strong></td>
<td>10 W + 10 W</td>
<td>10 W + 10 W</td>
</tr>
<tr>
<td><strong>Mounting</strong></td>
<td>VESA 4 (4 holes), 400 x 200 mm pitch, 805 lbs</td>
<td>VESA 4 (4 holes), 400 x 200 mm pitch, 805 lbs</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>100 V to 240 V AC, 50/60 Hz</td>
<td>190 W</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>235 W</td>
<td></td>
</tr>
<tr>
<td><strong>Environmental Conditions</strong></td>
<td>Operating Temperature 5°C to 35°C</td>
<td>5°C to 35°C</td>
</tr>
<tr>
<td></td>
<td>Operating Humidity 20% to 80% RH (no condensation)</td>
<td>20% to 80% RH (no condensation)</td>
</tr>
<tr>
<td><strong>Dimensions (W x D x H) (approx.) (display only)</strong></td>
<td>64 7/16&quot; x 3 1/16&quot; x 39 3/16&quot;</td>
<td>56 7/16&quot; x 3 1/4&quot; x 35 1/4&quot;</td>
</tr>
<tr>
<td><strong>Weight (approx.)</strong></td>
<td>134.5 lbs</td>
<td>105.9 lbs</td>
</tr>
<tr>
<td><strong>Main Accessories</strong></td>
<td>AC power cord, remote control unit, battery (AA size x 2), set-up manual, blank stickers, cable clamps, camera mount, USB cable (3.0 m), eraser, touch pen, pen tray, pen adapter, touch pen battery (AAA size), SHARP Display Connect software CD-ROM, wireless token, wireless adapter, wireless adapter cover, RS-232C conversion cable (0.5 mm-diameter mini stereo jack x 1)</td>
<td>AC power cord, remote control unit, battery (AA size x 2), set-up manual, blank stickers, cable clamps, camera mount, USB cable (3.0 m), eraser, touch pen, pen tray, pen adapter, touch pen battery (AAA size), SHARP Display Connect software CD-ROM, wireless token, wireless adapter, wireless adapter cover, RS-232C conversion cable (0.5 mm-diameter mini stereo jack x 1)</td>
</tr>
</tbody>
</table>

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### Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>PN-L703W</th>
<th>PN-L603W</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Width (W)</strong></td>
<td>70&quot;</td>
<td>60&quot;</td>
</tr>
<tr>
<td><strong>Height (H)</strong></td>
<td>40&quot;</td>
<td>33.75&quot;</td>
</tr>
<tr>
<td><strong>Depth (D)</strong></td>
<td>3.11/16&quot;</td>
<td>3.11/16&quot;</td>
</tr>
</tbody>
</table>

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### Input/Output Terminals

- **USB (for wireless adapter)**
- **USB**
- **RS-232C input**
- **LAN port**
- **USB (for pen adapter)**
- **USB (for PC)**
- **PC/AV input (HDMI)**
- **Audio input**
- **DisplayPort output**
- **USB (for PC)**
- **PC analogue input (D-sub)**
- **Option terminal**
- **Audio output**
- **External speakers**
- **DisplayPort input**
- **PC/AV input (HDMI)**

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### Windows PC System Requirements

- **CPU**
  - Intel® Core™ i5-10th Gen, or AMD Ryzen™ 7 3000 Series, or AMD Ryzen™ 5 3000 Series, or AMD Ryzen™ 3 3000 Series, or Intel® Core™ i7-11th Gen, or AMD Ryzen™ 7 5000 Series, or AMD Ryzen™ 5 5000 Series, or AMD Ryzen™ 3 5000 Series, or AMD Ryzen™ 5 3000 Series

- **OS**
  - Windows 7 (32-bit/64-bit), Windows 8 (32-bit/64-bit), Windows 8.1 (32-bit/64-bit), Windows 10 (32-bit/64-bit)

- **Memory**
  - 2 GB or more

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