Smart, Fluid and Built for Impact:

Sharp AQUOS BOARD Display with a Featherlight Touch
Sharp delivers a breakthrough in capacitive touch-panel technology; the new PN-L803CA AQUOS BOARD interactive display system revolutionizes collaboration. It lets you easily write, display, and share ideas in the boardroom or classroom, with up to four people able to write onscreen at the same time. Now, whether in the boardroom or the classroom, you can share your message with more precision than ever.

**Intuitive Input Experience**

**Simultaneous Writing for Up to Four People**

The PN-L803CA display lets you capture ideas at the moment of creation. Recognizing up to 10 touch points, it allows up to four people to write at the same time with a finger or touch pen. Each pen boasts a thin 3.5 mm tip that makes it easier to add detailed notes that remain legible when printed out.

**Featherlight Touch for Precise and Smooth Operation**

Say goodbye to unintended input and writing errors. Thanks to the PN-L803CA display’s precise position detection, only intentional input from fingers and touch pens appears on the display. Employing Sharp’s original capacitive touch technology, which achieves high sensitivity and precision by reducing the noise level to one-eighth that of conventional models, the PN-L803CA display eliminates unwanted noise to deliver a clear onscreen signal.

**Sharp Touch Viewer**

Sharp Touch Viewer¹ is a touch-operated onscreen user interface that lets you easily manipulate different types of files, including Microsoft® Office applications, videos and Web pages. Being able to simultaneously open and handle a variety of file types allows you to have more active meetings.

**A Fluid, Smart and Responsive Interface**

The new touch pen links with Sharp Pen Software to help you write with an uninterrupted flow. Furthermore, you can use the included eraser to delete unwanted content without switching functions, just as you would with a regular whiteboard.

**Display, Write and Share Information**

In overlay mode, you can write onscreen annotations directly onto photos, videos, PDFs, and documents such as Microsoft® Excel®, Word, and PowerPoint®. Text and graphics written on the board can be stored in USB memory or sent directly via email to selected recipients.

**Handwriting Recognition**

The PN-L803CA display features a handwriting recognition² function that automatically recognizes and reproduces handwritten shapes such as circles, triangles, and squares. This convenient function makes it easy to utilize onscreen content to make a legible record of your meeting or lesson.

**Presentation Support Tool**

Sharp Pen Software links smoothly with the PowerPoint application³. During slideshow presentations, you can perform various control operations, such as returning to a previous slide without using a right-click.

**Multi Board Function**

Up to three PN-L803CA display units can be connected and used to display sequential pages that can be navigated by swiping side to side. With the Multi Board function⁴, meeting participants are better able to grasp the overall flow of a presentation.

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¹ Available for download via included download application.

² Saved as PDF, BMP, JPEG, or PNG files.

³ Works with languages supported by Sharp Pen Software.

⁴ Windows 7: Max. 20; Windows 10: Max. 50

Windows: Android, iOS®
Sharp delivers a breakthrough in capacitive touch-panel technology: the new PN-L803CA AQUOS BOARD interactive display system with features that make it a game-changer in the boardroom and classroom.

Intuitive Input Experience

The PN-L803CA display's precise position detection, only intentional input, and handling of unwanted noise deliver a clear onscreen signal. Say goodbye to unintended input and writing errors.

A Fluid, Smart and Responsive Interface

The new touch pen links with Sharp Pen Software to notate a huge variety of documents, with up to four people able to write onscreen at the same time. Now, whether in the boardroom or the classroom, you can share your message with more precision than ever.

Display, Write and Share Information

Documents and color images scanned from a compatible Sharp MFP can be imported directly to the Pen Software for display on the PN-L803CA display. For added convenience, image data shown onscreen—including notations—can be saved to a PC or sent directly to an MFP for printout.

Documents and color images scanned from a compatible Sharp MFP can be imported directly to the Pen Software for display on the PN-L803CA display. For added convenience, image data shown onscreen—including notations—can be saved to a PC or sent directly to an MFP for printout.

Smartly Designed for Easy Connectivity

Touch-Operated Onscreen Display

Pressing the Touch Menu button brings up an onscreen menu that lets you easily switch input sources, change volume level, or turn the touchscreen function on and off, all from the front of the PN-L803CA display and all without the need for a remote controller.

Front Facing USB Port

For increased convenience when the panel is mounted on a wall, the PN-L803CA display features a USB input on the front that connects to the PC on the back of the unit. Now there’s no need to reach around the back of the monitor when you want to connect a peripheral device.

Installation of Web Cameras

The PN-L803CA display supports installation of a Web camera in any one of seven positions, giving you the flexibility to find the optimal setup to match your room layout and seating arrangements.

A Variety of Input and Output Terminals

The PN-L803CA display comes standard-equipped with a wealth of input and output terminals, located on the side and bottom of the monitor, to enable easy connection with a wide variety of equipment.

MFP Connectivity

Documents and color images scanned from a compatible Sharp MFP can be imported directly to the Pen Software for display on the PN-L803CA display. For added convenience, image data shown onscreen—including notations—can be saved to a PC or sent directly to an MFP for printout.
Specifications

Model Name: PN-L803CA

**Installation**
Landscape / Portrait

**LCD Panel**
Max. Resolution: 1,920 x 1,080 pixels
Max. Display Colors (approx.): 1.06 billion colors
Pixel Pitch (H x V): 0.923 x 0.923 mm
Max. Brightness (average)\(^*\): 300 cd/m\(^2\)
Contrast Ratio: 4,000:1
Viewing Angle (H/V): 176°/176° (CR ≥ 10)
Active Screen Area (W x H) (approx.): 69 1/8” x 39 1/8”
Response Time: 4 ms (grey to grey, avg.)
Backlight: LED, full array

**Touchscreen**
Touch Technology: Capacitive touch technology
PC Connection Port: USB 2.0 (Type B) x 2
Power Supply: Supplied from main unit
Multi Touch: 10 points
Protection Glass: Thickness: Approx. 3.8 mm\(^*\) Shock resistance: 130 cm\(^*\)

**Computer Input**
Video: Analog RGB (0.7 Vp-p) [75Ω], DisplayPort 1.1a
Synchronization: Horizontal/vertical separation (TTL: positive/negative), Sync on green (D-sub 15-pin only), Composite sync (TTL: positive/negative)
Plug & Play: VESA DDC2B
Power Management: VESA DPMS

**Computer Output**
Audio output: USB (for pen adapter)
LAN port (10Base-T/100Base-TX) x 1

**Power Supply**
VESA (4 points), 600 x 400 mm pitch, M6 screw
Power Supply: 100V – 240V AC, 50/60 Hz
Power Consumption: 290 W

**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): 72 7/16” x 3 1/4” x 42 5/8”
Weight (approx.): 169.8 lbs

**Main Accessories**
AC power cord, remote control unit, battery (AA size) x 2, set-up manual, blank sticker, cable clamps x 7, camera mount, USB cable (3.0 m), USB extension cable (1.8 m), eraser, pen tray, touch pen (with function button) x 2, pen adapter, touch pen battery (AAA size) x 2, SHARP Display Connect software CD-ROM, RS-232C conversion cable (3.5 mm-diameter mini stereo jack) x 1

**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 Celeron 1.6GHz, or AMD Sempron\(^*\) 1.6GHz or higher (Intel Core™ 2 Duo 2.8GHz, or AMD Athlon™ II x 2 2.8GHz or higher recommended)
- OS: Windows 7 (32-bit/64-bit), Windows 8.1 (32-bit/64-bit), Windows 10 (32-bit/64-bit)
- Memory: 2GB or more

**Viewing Angle**
H: 176°, V: 176°

**Windows® PC System Requirements**
- Control: RS-232C input
- USB (for pen adapter)
- Audio output
- LAN port
- Option terminal
- External speakers
- USB (for PC)
- DisplayPort output
- PC analog input (D-sub)
- Audio input
- DisplayPort input
- PC/AV input (HDMI)

**Dimensions**
Units: inch (mm)
* Screen dimensions: To use the VESA standard mounting bracket, use M6 screws that are 8 to 10 mm plus the thickness of the bracket.

**Input/Output Terminals**
PC Serial Interface: RS-232C x 1\(^*\)\(^*\)\(^*\)
PC Analog Input Interface: 3.5 mm-diameter mini stereo jack x 1, Video x 1\(^*\)\(^\#\)\(^*\)\(^*\), Component video x 1\(^*\), DisplayPort (HDCP compatible, PC signal compatible) x 1, RS-232C x 1\(^*\)\(^*\)\(^*\)
Video Input Interface: NTSC (3.58 MHz, 4.43 MHz), PAL, PAL60, SECAM
Audio Input Interface: PC analog: Mini D-sub 15-pin x 2, USB 2.0: Mini D-sub 15-pin x 2, HDMI (HDCP and 1080p compatible, PC/AV signal compatible) x 3, Component video x 1, DisplayPort (HDCP compatible, PC signal compatible) x 1
Audio Output Interface: PC/AV Input Interface: 3.5 mm-diameter mini stereo jack x 1
Network Interface: LAN port (10Base-T/100Base-TX) x 1
External Speakers Interface: USB (for pen adapter)
PC/AV Input Interface (HDMI): DisplayPort input
Touchscreen Technology: Multi Touch
Power Supply Interface: USB 2.0 (type B) x 2
LAN port: 10Base-T/100Base-TX
PC Connection Port Interface: 3.5 mm-diameter mini stereo jack x 2, DisplayPort x 1, Component video x 1, RS-232C x 1, PC analog: Mini D-sub 15-pin x 2, PC/AV input (HDMI) x 1, DisplayPort x 1, USB (for pen adapter) x 1, USB (for PC) x 1, PC/AV input (D-sub) x 1

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