SHARP®

PN-L862B
PN-L752B
PN-L652B

AQUOS BOARD® Interactive Display Systems

AQUOS BOARD®

4K
3840 × 2160 Pixels

Enjoy A More Natural Way of Working

The PN-L2B AQUOS BOARD® range of smart interactive displays combines genuine “4K reading and writing” and an intuitive “Pen-on-Paper” user experience with Zero Bonding and Sharp’s PrecisionTouch technology. The single USB-C connector makes it so simple to walk into a room, plug in your device and start working together straightaway. The PN-L2B AQUOS BOARD interactive displays also feature an integrated controller with whiteboard, overlay and wireless functionality to help enhance your productivity.

Built-in Apps

The PN-L2B series are the perfect choice for busy office environments, boardrooms, meeting rooms and training sessions that require quick, responsive operation and smart, integrated collaboration tools. It encourages effective group teamwork, promotes idea sharing and helps people deliver great presentations and achieve better meeting outcomes.

As well as incorporating a range of useful pre-installed apps, settings and configurations, it enables quick and easy-to-use video conferencing. It features a launcher that allows users to easily access a range of useful pre-installed apps, configurations, inputs and settings. This launcher also provides fast access to Sharp’s innovative Synappx™ application that helps to remove frustrations and tech related hassles to bring simply smarter meetings into the workplace. Synappx enables quick and engaging video conferences, especially with the optional PN-ZCMS1 AV Soundbar.

See Every Little Detail

To ensure that groups can collaborate more effectively in corporate environments everything needs to be displayed clearly and precisely. It helps people absorb information more easily, so they stay focused and engaged and can contribute more proactively. The PN-L2B AQUOS BOARD range of large format interactive displays is available with a choice of 86" class (85.6" diagonal), 75" class (74.5" diagonal), and 65" class (64.5" diagonal) screen sizes to suit almost any office environment, boardroom or meeting room.

It also delivers a true 4K reading and writing experience as it features a 3840 x 2160 Ultra High Definition (UHD) 4K resolution display and touchscreen. The LCD technology delivers high contrast and visual clarity, ensuing that even the most detailed presentations, documents and diagrams can be easily viewed and read. So it is ideal for exploring very detailed data and technical designs, particularly within businesses operating in the finance, engineering, architecture, healthcare, consulting, energy and retail markets.

All the flexibility you need

The ability to adapt to changing requirements quickly and effectively is essential to ensuring that businesses always operate with maximum productivity and efficiency.

The open architecture design of the Sharp PN-L2B AQUOS BOARD provides exceptional flexibility and freedom of use, so it can meet the demands of even the most challenging corporate environments. You can easily connect to various types of PC sources with its USB-C, HDMI, and VGA connectors. This allows you to display almost any type of content with a 4K resolution, or select any type of 4K video content from a media player using the CEC HDMI output. In addition, it has the latest high-speed, high-bandwidth USB-C port, which can be used for multiple functions and has a rotationally symmetrical design, so there is no connection confusion.

It can also wirelessly share information with any smart Windows, Android, iOS, Chrome or other mobile device without unsightly cables, complex add-on peripherals, or bulky power supplies. Or you can utilize the OPS slot to instantly extend the AQUOS BOARD interactive display's functionality with third-party add-ons and solutions. Finally, it supports the use of Touch Back, so that whatever is shown, drawn or controlled on the AQUOS BOARD will be replicated on the connected smart devices.

Its versatile connectivity ensures that you can easily create the optimum conditions to encourage creativity, boost productivity and enable effective decision making, without being hampered by any unnecessary technical complexity.

Added Productivity as Standard

The PN-L2B AQUOS BOARD interactive displays come with a range of standard software to help get the most out of your meetings or presentations. It is easy to install and use and does not require any technical expertise.

- **Pen software**
  Provides quick and easy access to pen settings and other useful functions. It allows you to add onscreen annotations or graphics directly onto photos, videos, PDFs and common Microsoft® files. You can also control presentations, adjust the screen set-up and store or email any files you have been working on.

- **Bytello Share app**
  Supports multifaceted wireless casting*, so content on the screen, including images, audio and video, can be shared simultaneously with multiple other devices. No cables are required, so there is no stress, hassle or delay in sharing information.

** Compatible with Windows®, Android™, iOS®, macOS®, iPadOS®, Chrome™ OS*

- **Touch Viewer software**
  Offers an easy-to-use interface and file system to collect, manipulate and organize a variety of different files on the screen without actually opening the respective applications.

- **Synappx Ready**
  In addition, the PN-L2B AQUOS BOARD interactive displays are part of the Synappx-ready range of displays. It includes a launcher with Synappx Collaboration Hub, which helps you easily set up in-room PC hybrid meetings, including video-conferencing with an optional AV Soundbar, so you can collaborate more effectively.

Simply Smarter Meetings

Successful collaboration can be realized in simply smarter meetings where everyone can have a great experience, no matter where the individuals may be. That means making it easy to share their best ideas by removing the tech hassles for both laptop and mobile users. By integrating Sharp Synappx Collaboration Hub with the PN-L862B, PN-L752B and PN-L652B, users can not only share their best ideas, but can do so easily and quickly. Here are some of its key features:

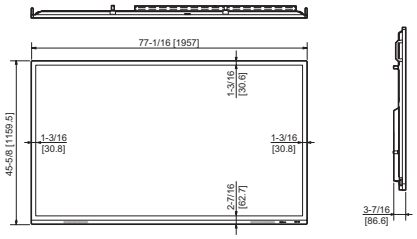
- Connecting and ending your meetings are easy to do, whether you are in a web conference session or in a shared space with connection to in-room meeting tech.
- No more rummaging for meeting content. Access and share your best ideas by quickly pulling up meeting content and sharing it with everyone in the meeting, whether they are in the room or attending virtually.
- Mobile users can also control and share their files from their smartphone, just as they would from a laptop.

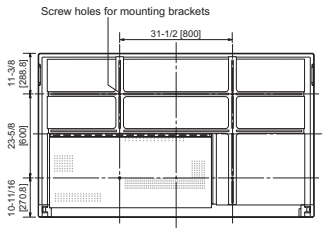
Specifications

Model Name		PN-L862B	PN-L752B	PN-L652B
LCD Panel	Installation	Landscape		
	LCD component	86" Class (85.6" diagonal) TFT LCD	75" Class (74.5" diagonal) TFT LCD	65" Class (64.5" diagonal) TFT LCD
	Max. Resolution	3,840 × 2,160 pixels		
	Max. colors	Approx. 1.07 billion colors		
	Pixel Pitch (HxV)	0.4935 mm × 0.4935 mm	0.42975 mm × 0.42975 mm	0.372 mm × 0.372 mm
	Max Brightness *1	400 cd/m² *1		
	Contrast ratio (typical)	1200: 1	5000: 1	4000:1
	Viewing Angle	178° right/left/up/down (contrast ratio ≥ 10)		
	Active Screen Area W x H	74.6" x 41.9"	64.9" x 36.6"	56.3" x 31.6"
Computer input signal		Analog RGB (0.7 Vp-p) [75 Ω]		
Sync signal		Horizontal/vertical separate (TTL: positive/negative)		
Plug and play		VESA DDC2B		
Input Terminals	Video	Mini D-sub 15 pin, 3 x 1 HDMI x 3, USB Type-C x 1		
	Serial (RS-232C)	D-sub 9 pin x 1		
	Audio	3.5 mm mini stereo jack x 1		
Output Terminals	Audio	3.5 mm-diameter mini stereo jack x 1, Digital audio output(optical) x 1		
USB Port		USB 3.0 compliant x 4, USB 2.0 compliant x 1		
LAN Terminal		10 BASE-T/100 BASE-TX/1000 BASE-T		
	CPU	Arm Cortex-A73 (Quad-Core)		
	Memory	4GB		
	Storage	32GB		
Wireless LAN		IEEE802.11ac/n/a/g/b compliant		
Bluetooth		5.0 compliant, Supported protocols: A2DP, AVRCP, GATT, HID		
Expansion slot		20 V, 3.25 A (power supplied when expanding the functions with an optional part)		
Speakers Output		10W + 10W		
Touch Panel	Detection method	PrecisionTouch technology		
	Computer connector	USB (3.0 compliant) (Type B) x 2		
Power Requirement		AC 100-240V, 5.3 A, 50/60 Hz	AC 100-240V, 4.1 A, 50/60 Hz	AC 100-240V, 3.6 A, 50/60 Hz
Operating temperature *2 *3		5°C to 35°C		
Operating humidity *3		20% to 80% (no condensation)		
Power consumption (input signal waiting state / net-worked standby mode *4 / standby mode *4/ off mode)		480W (20W/20W/0.5W/0.0W)	360W (20W/20W/0.5W/0.0W)	320W (20W/20W/0.5W/0.0W)
Dimensions (excluding protrusions) W x D x H		Approx. 77.1" x 3.4" x 45.6"	Approx. 67.3" x 3.4" x 40.1"	Approx. 58.6" x 3.4" x 35.3"
Weight (approximate)		142.1 lbs.	109.1 lbs.	84 lbs.
Main Accessories		Remote control unit, Cable clamp, Power cord, Remote control unit battery, Setup Manual, Touch pen x2, Camera mount, Camera mount screw (M3x10), Camera screw (inch thread), STB mount, STB mount screw (M3x5), Wireless adapter, USB cable		
Options		AV Soundbar PN-ZCMS1, Synappx Collaboration Hub, Extended Warranties, Pen Software License extension PN-SU01		

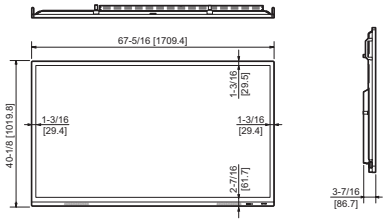
*1 Brightness will depend on input mode and other picture settings. Brightness level will decrease over time. Due to the nature of the equipment, it is not possible to precisely maintain a constant level of brightness. This is the brightness of the LCD panel, not the brightness of the product. *2 Temperature condition may change when using the monitor together with the optional equipments recommended by SHARP. In such cases, please check the temperature condition specified by the optional equipments. *3 In addition, check the requirements of the computer and other devices to be connected, and make sure that all requirements are satisfied. *4 No optional part is attached.

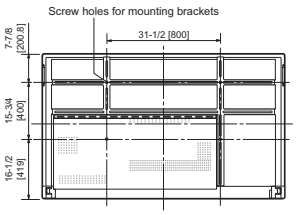
PN-L862B



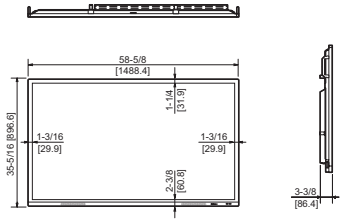


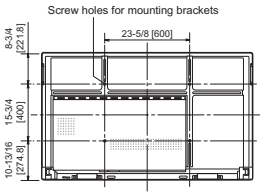
PN-L752B





PN-L652B





Units: Inch (mm)

Optional PN-ZCMS1 AV Soundbar

PN-ZCMS1 AV Soundbar Specifications		
Camera	Pixels	12MP
	Field of view	120°
	Zoom	Max. 5x
	Resolution	Max. 3,840 x 2,160
	Adjustable Angle	Up 15°, Down 15° (manual)
Microphone	Voice Pickup Range	8 meters
	Mic Array	6 Elements
Speaker	Output Power	8 watts

Pen-on-Paper

SHARP®