

# SHARP®

Be Original.

PNL652B  
PNL752B  
PNL862B



## Transforming Meeting Spaces and Learning Environments



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The PNL2B 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 PNL2B AQUOS BOARD® interactive displays also feature an integrated controller with whiteboard, overlay and wireless functionality to help enhance your productivity.



### Built-in Apps

The PNL2B 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.

These interactive displays feature a launcher that allows users to easily access a range of useful pre-installed configurations, inputs, settings and apps, such as Bytello Share, Web Browser, File Explorer, etc.

### Optional AV SoundBar

An optional PNZCMS1 AV Soundbar is also available allowing for more engaging video conference experience. This all-in-one unified communication soundbar features a speaker, microphone and camera integrated into a single cross platform device. Its high quality sound provides best solution for large rooms without compromising the sound clarity. The 6-array microphones pick up voice firmly and cancel echoes while reducing noise. With a single USB-C cable connection the soundbar features simple integration with Sharp PNL2B series interactive displays.

### 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 PNL2B AQUOS BOARD® range of large format interactive displays is available with a choice of 65" class (64.5" diagonal), 75" class (74.5" diagonal), and 86" class (85.6" 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, ensuring 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 PNL2B 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 PNL2B 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.

### • Sharp 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

### • Sharp 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.

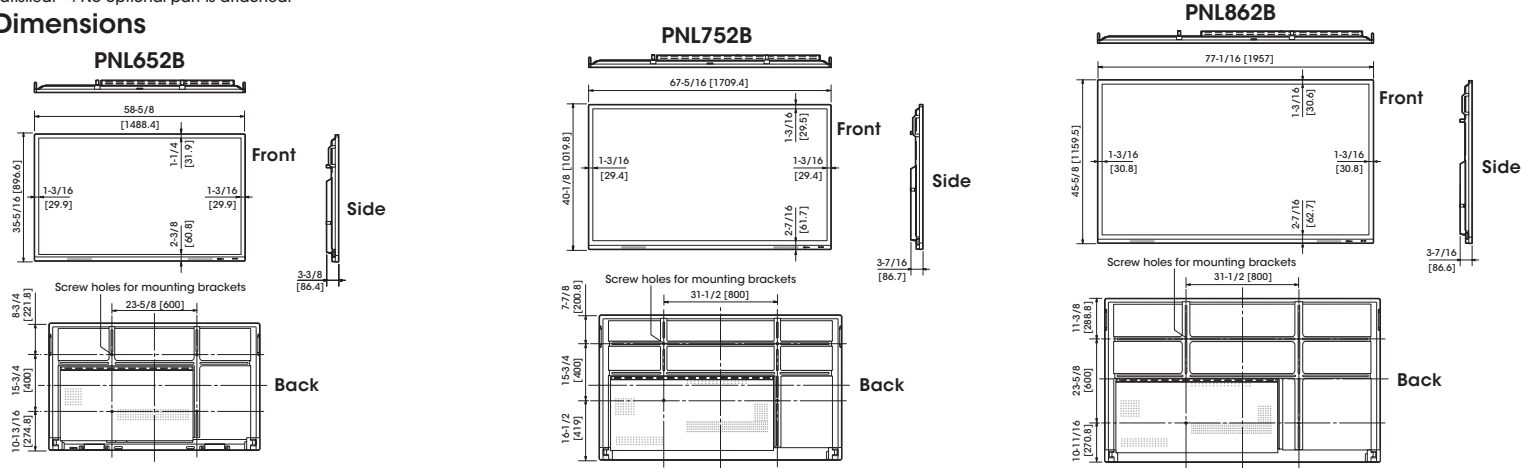


# Specifications

Model Name		PNL652B	PNL752B	PNL862B
LCD Panel	Installation	Landscape		
	LCD component	65" Class (64.5" diagonal) TFT LCD	75" Class (74.5" diagonal) TFT LCD	86" Class (85.6" diagonal) TFT LCD
	Max. Resolution	3,840 x 2,160 pixels		
	Max. Colours	Approx. 1.07 billion colours		
	Pixel Pitch (H x V)	0.372 mm x 0.372 mm	0.42975 mm x 0.42975 mm	0.4935 mm x 0.4935 mm
	Max Brightness <sup>*1</sup>	400 cd/m <sup>2</sup> <sup>*1</sup>		
	Contrast Ratio (typical)	4,000:1	5,000:1	1,200:1
	Viewing Angle	178° right/left/up/down (contrast ratio ≥10)		
	Active Screen Area (W x H)	1,428.5 x 803.5 mm (56-1/4" x 31-5/8")	1,650.2 x 928.3 mm (64-15/16" x 36-9/16")	1,895 x 1,066 mm (74-5/8" x 41-15/16")
	Backlight	LED, direct lit		
Computer Input Signal		Analog RGB (0.7 Vp-p) [75 Ω]		
Sync Signal		Horizontal/vertical separate (TTL: positive/negative)		
Plug & 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 <sup>*3</sup>	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		
System	OS	Android 9.0		
	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		
	Multi Touch	20 points		
	Protection Glass	Thickness: Approx. 3 mm Shock resistance: 130 cm <sup>*2</sup>		
Power Requirement		AC 100-240V, 3.6 A, 50/60 Hz	AC 100-240V, 4.1 A, 50/60 Hz	AC 100-240V, 5.3 A, 50/60 Hz
Operating Temperature <sup>*2</sup> <sup>*3</sup>		5°C to 35°C		
Operating Humidity <sup>*3</sup>		20% to 80% (no condensation)		
Power Consumption (input signal waiting state / networked standby mode <sup>*4</sup> / standby mode <sup>*4</sup> / off mode)		320W (20W/20W/0.5W/0.0W)	360W (20W/20W/0.5W/0.0W)	480W (20W/20W/0.5W/0.0W)
Dimensions (excluding protrusions) (W x D x H)		Approx. 1,488.4 x 86.3 x 896.6 mm (58.6" x 3.4" x 35.3")	Approx. 1,709.4 x 86.3 x 1,018.5 mm (67.3" x 3.4" x 40.1")	Approx. 1,958.3 x 86.3 x 1,158.24 mm (77.1" x 3.4" x 45.6")
Weight (approximate)		34.4 kg	49.4 kg	64.4 kg
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 PNZCMS1, Extended Warranties, Pen Software License extension PNSU01		

<sup>\*1</sup> 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. <sup>\*2</sup> 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. <sup>\*3</sup> In addition, check the requirements of the computer and other devices to be connected, and make sure that all requirements are satisfied. <sup>\*4</sup> No optional part is attached.

## Dimensions



Units: Inch (mm)

Optional PNZCMS1 AV Soundbar		PNZCMS1 AV Soundbar Specifications			
	Camera	Pixels	12MP	Microphone	Voice Pickup Range
		Field of view	120°		8 metres
		Zoom	Max. 5x	Mic Array	6 Elements
		Resolution	Max. 3,840 x 2,160	Speaker	Output Power
		Adjustable Angle	Up 15°, Down 15° (manual)		8 watts



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