

# SHARP

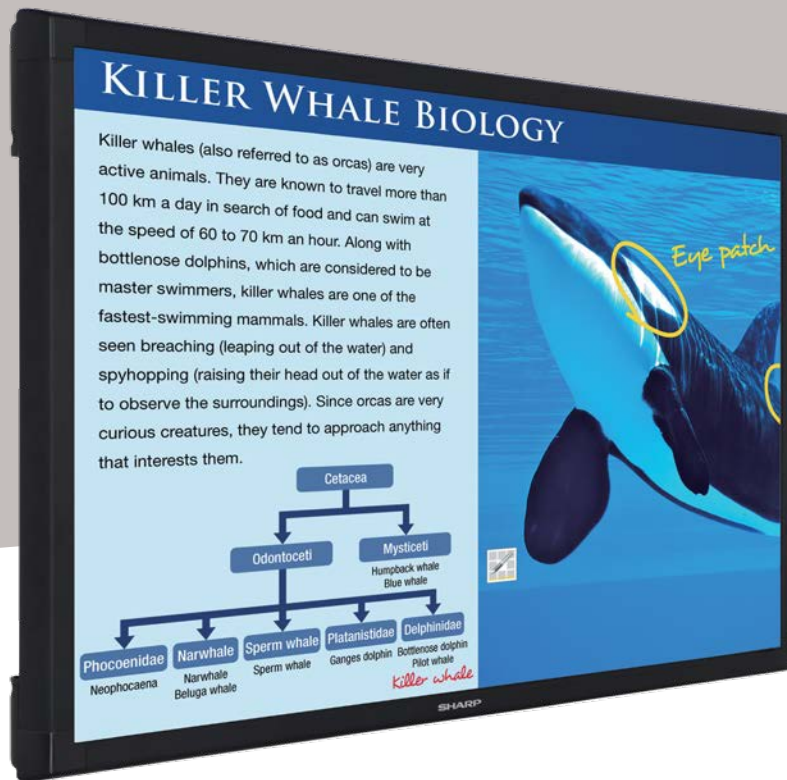
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PN-VC862HN<sup>®</sup>  
INTELLIGENT TOUCH BOARD



## All-in-One INTELLIGENT TOUCHBOARD for your Business & Education Environment





Combining LCD touch screen display technology with interactivity, **SHARP 86" UHD INTELLIGENT TOUCH BOARD** is an interactive, dynamic, and engaging solution for education and business environment.

## Office Solutions

SHARP **INTELLIGENT TOUCH BOARD** with high picture quality and interactivity functions is also suitable for the business applications. It can simply be installed in meeting rooms to be used for presentations, video conferences, interactive lectures, and seminars. It helps business executives to have effective and distraction free presentations by facilitating interaction between the presenter and the audience. The product can play a variety of media content including images, videos, and power point presentations. The presenters and participants can share files and other materials with audience devices.

## WHAT YOU CAN DO

- ▶ Write on the screen with your finger or a pen, and erase
- ▶ Touch the screen to navigate through documents, videos, presentations, or websites
- ▶ Make notes, draw shapes, move, scale, or rotate the images with a finger touch
- ▶ Save your notes, graphs, text, e-mail, or share them
- ▶ Record instructions as video files and post the materials for review by student\*
- ▶ Control the PCs / tablets in the classroom from the display\*

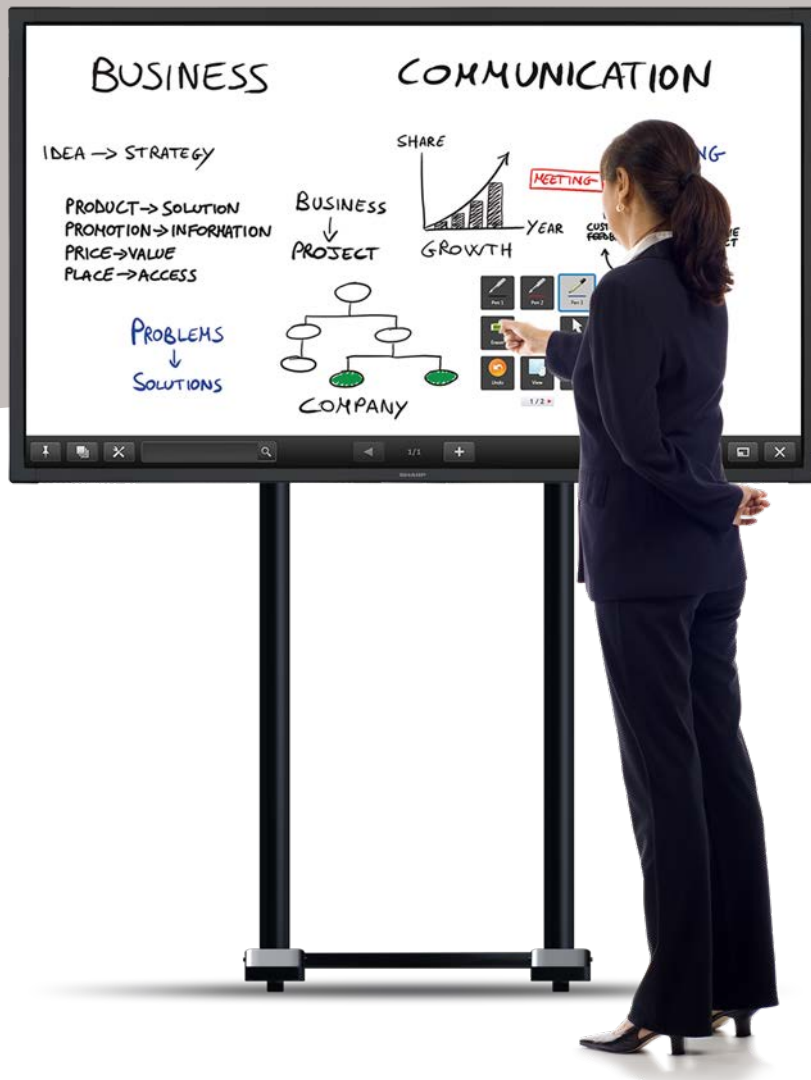
\* These functions are available with the appropriate optional software.

## Education Solutions

SHARP **INTELLIGENT TOUCH BOARD** is an innovative and user-friendly product solution that has been designed to enhance the education process, helping instructors to create an engaging and responsive learning environment for their students. Offering LCD touch screen technology, end users can write on the board with a pen or even their fingers. Documents, presentations, videos and websites can also be navigated and scrolled through, simply by touching the screen. A versatile product solution, the white board can save notes, graphs, text and audio files, enabling end users to print, e-mail or share them instantly or at a later time.

## Key Features

- ▶ Screen Size : 86"
- ▶ Resolution : 3840 X 2160p
- ▶ Contrast ratio: 1100:1
- ▶ Brightness Level : 410 cd/m<sup>2</sup>
- ▶ 178 ° viewing angle ensuring a great view from any seat in the classroom
- ▶ Anti Glare glass
- ▶ Built-in controller for PC-less operation
- ▶ WiDi & Miracast support



## 4K Ultra-HD Resolution



The intelligent touch board supports 4K Ultra-HD and captures the fine details of images and videos, while also replicating the precise information of small text and complex graphics.

It's a superlative display for professional use in a range of environments, from academia, corporate meeting rooms, engineering to architecture.

## Built-in Controller



The intelligent touchboard has an integrated controller that has a storage capacity of 8GB which is expandable via optional Micro SD Card.

The built-in controller allows for whiteboarding and wireless collaboration without the need of any additional PC connectivity.

## Embedded USB Media Player



The In-Built USB Media Player allows for Picture, Audio and Video content to be played directly from a USB.

## Built-in Speakers



The 20W Speakers built-in to the touchboard gives crisp & clear sound for your lessons and meetings.

## Simultaneous Writing



The intelligent touch board recognizes multi-touch upto 20 touch points which makes meetings, training, lesson delivery and brainstorming session come alive.

## OPS Compliant Slot



The intelligent touchboard is compatible with OPS (Open Pluggable Specification) controller. A PC with OPS specifications can be slotted into the display directly.

## Anti Glare Treatment



For the best viewing experience an Antiglare treatment is provided on the display.

## 16- Hour Daily Operation



The PN-VC862HN<sup>®</sup> can be used continuously for up to 16 hours per day, providing reliable performance in your business environment.

# Wireless Connectivity

The PN-VC862HN<sup>®</sup> has built-in wireless functionality. Simply touch the screen and your smartphone, tablet or computer\* will immediately download an app that lets it send images wirelessly to the display. No need for tangled wires or conversion adapters. WiDi & Miracast is available for screen sharing.

\* Compatible with Windows and Android™ operating systems  
 Note: Requires wireless LAN access points to connect Display and devices



## Specifications (Tentative)

Brand Name	Sharp	PN-VC862HN <sup>®</sup>
Installation		Landscape
		86-inch-class IPS Panel
LCD Panel	Backlight	Edge LED
	Max. Resolution	3840 X 2160 pixels
	Max. Display Colors (approx.)	1.07 B
	Max. Brightness *1	410 cd/m <sup>2</sup>
	Contrast Ratio	1100:1
	Viewing Angle (H/V)	178 / 178
	Active Screen Area (WxH)	1899 (H) x 1070(W)
	Response Time	8 ms (Gray to Gray, Ave.)
Touchscreen	Touch Technology	Infrared multi-touch screen (20-point touch, 10 point writing)
	PC Connection Port	Micro USB X 1
Input Terminals	PC Analogue	D-Sub x1
	HDMI	HDMI 2.0 x 3
	RCA	x 1
	USB	USB 2.0 x 2
	USB Type C	x 1
Output Terminals	HDMI	x 1
	SPDIF	x 1
	Mini Jack (Audio)	x 1
Control Terminals	Network	RJ45, RS232
	Wireless (2.4 GHz/5 GHz)	Yes
	WiDi	Yes
	Miracast	Yes
All Built-in controller	Memory	2GB DDR4
	Storage	8 GB
	SD Card	Supported (optional upto 1 TB)
	RJ45	x 1
OPS Slot Compatible		Yes
Speaker Output		10W + 10W
Mounting		VESA Hole Configuration: 600mm (w) x 400mm (h)
Power Supply		110V-240V AC, 50/60Hz
Power Consumption		306 Watts
Environmental Condition	Operating Temperature	0 - 40 C
	Operating Humidity	20% - 80%
Dimensions (WxHxD) (approx.) (display only)		1975mm (L) x 1146mm (H) x 103mm (D)
Weight		92.5 Kg
Main Accessories		QSG, Warranty Card, IB, Power Cord, Remote Control Unit, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable

\*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. \*2 Built-in PC specification may change based on the customer requirement.

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

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Ver 2.0 January 2022  
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