Sharp PN-L862B



Enjoy a more natural way of working

- Pen-On-Paper user experience Zero Bonding and Sharp's PrecisionTouch technology enable highly accurate and responsive writing and drawing with up to 20 touch points.
- Out-of-the-box collaboration the integrated Android PC features a powerful home screen launcher offering fast and flexible access to a range of pre-installed applications.
- Latest BYOD wireless collaboration wirelessly share content from any device via the integrated Android PC or utilise the OPS slot to extend the BIG PADs functionality with third-party add-ons and solutions.
- Maximum flexibility provides exceptional freedom of use to meet the demands of even the most challenging corporate environments using USB-C, HDMI or VGA connectors.
- 'Secure by design' graded data security allows to adjust the level of security of the Android PC and maintain protection at the security level you need.

Options

IoT and Asset Management

NaViSet Administrator 2 Sharp/NEC's software suite that provides monitoring, asset management and control functionality for display devices
Sharp/NEC's software suite that provides monitoring, asset management and control functionality for display devices.

Sharp Information Display Downloader The key software to use when installing and configuring Sharp displays
The key software to use when installing and configuring Sharp displays

Speakers and Soundbars

PN-ZCMS1 All-in-one collaboration videobar incl
All-in-one collaboration videobar incl. speaker, microphone and camera.

Cables

USB-C 5M 5m USB Type-C cable
5m USB Type-C cable

USB-C 7M 7m USB Type-C cable
7m USB Type-C cable

Computing Enterprise

OPS Slot-in PC Enterprise Ultra (RPH) OPS slot-in PC (Intel® Core i7) for demanding meeting room applications
OPS slot-in PC (Intel® Core i7) for demanding meeting room applications.

OPS Slot-in PC Enterprise Pro (RPH) OPS slot-in PC (Intel® Core i5) for demanding meeting room applications
OPS slot-in PC (Intel® Core i5) for demanding meeting room applications.

Interactive Options

Sharp Universal Pen SUP02-M Universal passive pen for Sharp interactive large format displays
Universal passive pen for Sharp interactive large format displays.

Computing Midrange

OPS Slot-in PC Midrange (ADL) OPS slot-in PC (Intel® Core i3) for all high-end signage applications
OPS slot-in PC (Intel® Core i3) for all high-end signage applications.

Warranty Extensions

2nd Life Warranty Extension for Large Format Displays (Eco Prime) Optional Second-life warranty (3 years) for dedicated Sharp Large Format and Interactive Displays
Optional Second-life warranty (3 years) for dedicated Sharp Large Format and Interactive Displays

2nd Life Warranty Extension for Large Format Displays (Eco Value+) Optional Second-life warranty (1 year) for dedicated Sharp Large Format and Interactive Displays
Optional Second-life warranty (1 year) for dedicated Sharp Large Format and Interactive Displays

2nd Life Warranty Extension for Large Format Displays (Eco Select) Optional Second-life warranty (2 years) for dedicated Sharp Large Format and Interactive Displays
Optional Second-life warranty (2 years) for dedicated Sharp Large Format and Interactive Displays

Warranty Extension for Large Format Displays and Computing Solutions Optional Warranty Extension (4th to 5th year) for dedicated Sharp Large Format Displays and Computing Solutions
Optional Warranty Extension (4th to 5th year) for dedicated Sharp Large Format Displays and Computing Solutions

Value Added Services

De-/Re-install Service for Large Format Displays Optional De-/Re-install Service (1st to 3rd year or 1st to 5th year) for dedicated Sharp Large Format Displays
Optional De-/Re-install Service (1st to 3rd year or 1st to 5th year) for dedicated Sharp Large Format Displays

Laser Branding Optional Laser Branding Service for dedicated Sharp Display Products
Optional Laser Branding Service for dedicated Sharp Display Products

Support+ Optional additional services (1st to 3rd year) for dedicated Sharp Display Products
Optional additional services (1st to 3rd year) for dedicated Sharp Display Products

Mounting Options

Wall Mount SF680P Universal XX-Large flat wall mount for dedicated Sharp/NEC large format displays (65" to 98")
Universal XX-Large flat wall mount for dedicated Sharp/NEC large format displays (65" to 98")

Trolley EVER 350 Mobile High-end mobile trolley for dedicated Sharp/NEC large format displays (50" to 98")
High-end mobile trolley for dedicated Sharp/NEC large format displays (50" to 98").

Trolley EVER 350 Mobile Motor High-end mobile trolley offering motorised height-adjustability for dedicated Sharp/NEC large format and interactive displays (50" to 98")
High-end mobile trolley offering motorised height-adjustability for dedicated Sharp/NEC large format and interactive displays (50" to 98").

Trolley PD02MHA-CB86 High-end motorised and height-adjustable mobile mount for NEC MultiSync® CB861Q, Sharp PN-L862B and PN-LC862 large format displays
High-end motorised and height-adjustable mobile mount for NEC MultiSync® CB861Q, Sharp PN-L862B and PN-LC862 large format displays.

EVER VESA Adapter VESA Adapter for Ever 350 Mobile and Ever 350 Mobile Motor trolleys
VESA Adapter for Ever 350 Mobile and Ever 350 Mobile Motor trolleys.

Computing Advanced

OPS Slot-in PC Advanced (RPH) OPS slot-in PC (Intel® Core i5) for all high-end signage applications
OPS slot-in PC (Intel® Core i5) for all high-end signage applications.

Specifications

General

Series	[sharp-pn-l2b-series]
Order Code	PNL862B

Display

Active Screen Area Width (mm)	1895
Active Screen Area Height (mm)	1066
Aspect Ratio	16:9
Brightness Without Glass (cd/m²)	400
Contrast Ratio	1200:1
Panel Technology	IPS with Direct LED backlights
Screen Size (inch)	86
Screen Size (cm)	217.4
Supported Orientation	Landscape

Touch

Data Interface	USB-HID
Number of Touches	Real multi-touch up to 20 touches
Writing Features	[windows-ink]
Touch Method	Finger, Gloves
Stylus	Stylus dual pen tip (3mm/9mm)
Touch Technology	Precision

Protective Glass

Glass Bonding Gap < (mm)	1
Glass Thickness (mm)	3.4
Glass Hardness	≥ 8
Glass Type	Thermal-tempered, anti-glare coating

Resolution

Native Resolution	3840 x 2160
Supported Resolutions	4096 x 2160, 3840 x 2160, 1920 x 1080, 1920 x 720, 720 x 576, 720 x 480, 640 x 480, 800 x 600, 1024 x 768 , 1280 x 960, 1280 x 1024, 1360 x 768, 1440 x 900, 1680 x 1050

Open Modular Intelligence

OPS Max. Current / Power Consumption (A / W)	3.25 / 65.0
OPS Slot	Slot Technology: Open pluggable specification (NEC / Intel OPS standard)

Electrical

Power Supply	100-240 V AC, 50/60 Hz
Power Savings Mode (W)	< 0.5

Mechanical

Bezel Width Bottom (mm)	45.7
Bezel Width Right (mm)	16.8
Bezel Width Left (mm)	16.8
Bezel Width Top (mm)	16.8
Dimensions Width (mm)	1957
Dimensions Height (mm)	1159.5
Dimensions Depth (mm)	85.7
Packaging Dimensions Width (mm)	2112
Packaging Dimensions Height (mm)	1283
Packaging Dimensions Depth (mm)	280
Packaging Weight (kg)	84
VESA Mounting Holes	4
VESA Mounting Screw	M8
VESA Mounting FDMI	800 x 600
Weight (kg)	62.5

Environmental Conditions

Operating Humidity (%)	20 to 80
Operating Temperature (°C)	+5 to +35

Bluetooth

Bluetooth	5.0 compliant, supported protocols: A2DP, AVRCP, GATT, HID

Embedded Computing

Android Features	App side loading (Google CTS compliant), Hide Android SoC
Built-in Applications	File Manager, Web Browser, Whiteboard, Wireless Screen Sharing - Bytello Share
Built-in Tools	Annotation overlay mode
CPU	Arm Cortex-A73 (Quad-Core)
Internal Storage	32GB ROM
System Memory	4G RAM
System Version	Android 9.0

Wireless LAN

WLAN	IEEE802.11 a/b/g/n/ac/ax compliant, WPA/WPA2/WPA3 Enterprise, Access Point

Available Software

Free Software Included	Bytello Share, Sharp Pen Software - free download

Regulatory

Safety and Ergonomics	CE, RCM, UL/C-UL, FCC, REACH, RoHS, UKCA

3rd Party Certifications

3rd Party Certificate	Tested compatible for Barco ClickShare (Conference), Certified for Crestron CCV2, Q-Sys Plug-in

Additional Features

Operating Hours	16/7
Remote Management	NaViSet Administrator 2
Security	IEEE802.1X (Wi-Fi), Disable HW Buttons, Disable IR Functionality, Disable USB and LAN Ports
Shipping Content	Display, Remote Control , Cable Clamps, 2 x AAA batteries, 2 x Stylus, 1 x 300 cm USB Cable, Power Cable, Bracket for Camera, Bracket for Mini PC, Wireless Adapter
Special Characteristics	Clone Settings
Warranty	3 years warranty incl. backlight, optional 4. + 5. year warranty extension

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