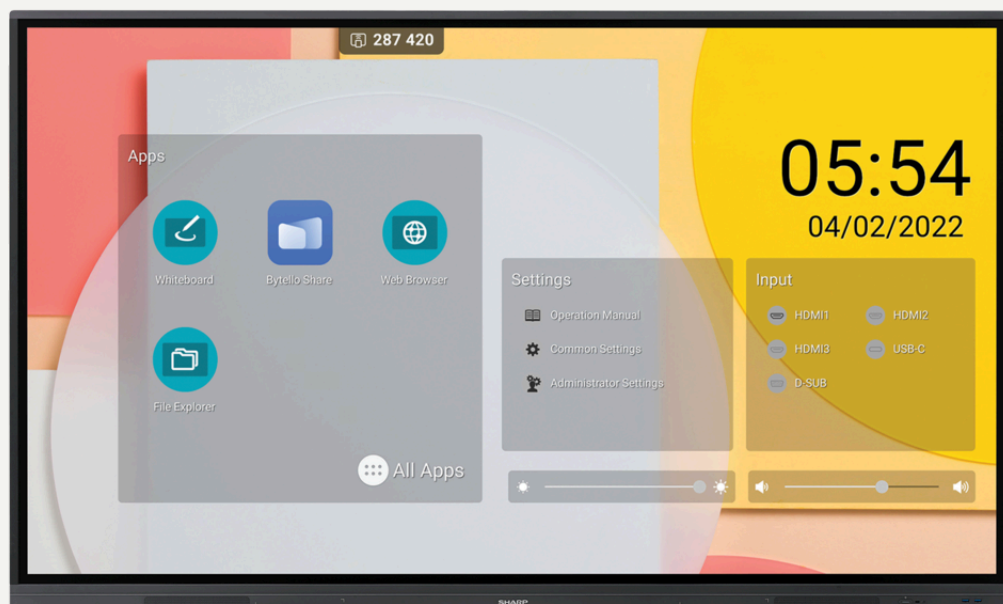


Sharp PN-L652B



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

Mounting Options

Trolley PD02MHA High-end motorised and height-adjustable mobile stand for dedicated Sharp/NEC large format displays (48" to 98")

High-end motorised and height-adjustable mobile stand for dedicated Sharp/NEC large format displays (48" to 98").

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")

Wall Mount L20PNWALL90EU Universal X-Large flat wall mount for dedicated Sharp/NEC interactive large format displays (50" to 90")

Universal X-Large flat wall mount for dedicated Sharp/NEC interactive large format displays (50" to 90").

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").

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

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 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	PNL652B

Display

Active Screen Area Width (mm)	1428.5
Active Screen Area Height (mm)	803.5
Aspect Ratio	16:9
Brightness Without Glass (cd/m²)	400
Contrast Ratio	4000:1
Panel Technology	VA with Direct LED backlights
Screen Size (inch)	65
Screen Size (cm)	163.9
Supported Orientation	Landscape, Portrait

Touch

Data Interface	USB-HID
Number of Touches	Real multi-touch up to 20 touches
Writing Features	[windows-ink]
Touch Method	Gloves, Finger
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	1280 x 1024, 720 x 576, 1680 x 1050, 1024 x 768 , 1920 x 720, 720 x 480, 4096 x 2160, 1920 x 1080, 800 x 600, 3840 x 2160, 640 x 480, 1440 x 900, 1280 x 960, 1360 x 768

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	50/60 Hz, 100-240 V AC
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)	1488.4
Dimensions Height (mm)	896.6
Dimensions Depth (mm)	85.5
Packaging Dimensions Width (mm)	1628
Packaging Dimensions Height (mm)	1005
Packaging Dimensions Depth (mm)	208
Packaging Weight (kg)	49
VESA Mounting Holes	4
VESA Mounting Screw	M8
VESA Mounting FDMI	600 x 400
Weight (kg)	36.5

Environmental Conditions

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

Bluetooth

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

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

Wireless LAN

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

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

Safety and Ergonomics	CE, RCM, REACH, RoHS, FCC, UL/C-UL, UKCA
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3rd Party Certifications

3rd Party Certificate	Tested compatible for Barco ClickShare (Conference), Certified for Crestron CCV2, Q-Sys Plug-in
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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	2 x Stylus, Cable Clamps, Power Cable, 1 x 300 cm USB Cable, 2 x AAA batteries, Remote Control, Display, Bracket for Mini PC, Bracket for Camera, Wireless Adapter
Special Characteristics	Clone Settings
Warranty	3 years warranty incl. backlight, optional 4. + 5. year warranty extension

