

LCD 65" Precision Touch Display

# Sharp PN-L652B



\* AV Soundbar PN-ZCMS1 optional

## Enjoy a more natural way of working

The BIG PAD L2B 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 L2B series also features an integrated Android PC with whiteboard, overlay writing mode and wireless screen sharing functionality as well as graded security to help enhance your productivity.

The BIG PAD L2B series is 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.

## Benefits

- **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.

# Specifications

## Product Information

**Product Name**  
Sharp PN-L652B

**Product Group**  
LCD 65" Precision Touch Display

**Order Code**  
60005557

## Display

**Panel Technology**  
VA with Direct LED backlights

**Active Screen Area (W x H) [mm]**  
1,428.5 x 803.5

**Screen Size [inch/cm]**  
65 / 163.9

**Aspect Ratio**  
16:9

**Brightness (without glass) [cd/m<sup>2</sup>]**  
400

**Contrast Ratio (typ.)**  
4000:1

**Viewing Angle [°]**  
178 / 178 (at contrast ratio > 10:1)

**Response Time (typ.) [ms]**  
6.5

**Supported Orientation**  
Landscape; Portrait

## Touch

**Touch Technology**  
Precision

**Number of Touches**  
Real multi-touch up to 20 touches

**Touch Method**  
Finger; Gloves; Stylus dual pen tip (3mm/9mm)

**Supported Operating System**  
Native Multi-Touch: Windows 7-11, Linux, Android; Default Mouse: Windows XP and Vista, Mac OS

**Data Interface**  
USB-HID

**Windows Ink**  
yes

**Palm Rejection**  
no

**Operating System**  
Native Multi-Touch: Windows 8.1/10/11, Linux, Android 9.0 or higher, Chrome OS 87 or higher; Single Touch (Default Mouse): Mac OS 10.15/11/12

## Glass

**Type**  
Thermal-tempered, anti-glare coating; Zero Bonding

**Thickness [mm]**  
3.4

**Haze Level [%]**  
3 ~ 8

**Hardness [H]**  
≥ 8

## Resolution

**Native Resolution**  
3840 x 2160

**Supported Resolutions**

|              |              |            |
|--------------|--------------|------------|
| 1024 x 768;  | 1680 x 1050; | 640 x 480; |
| 1280 x 1024; | 1920 x 1080; | 720 x 480; |
| 1280 x 960;  | 1920 x 720;  | 720 x 576; |
| 1360 x 768;  | 3840 x 2160; | 800 x 600  |
| 1440 x 900;  | 4096 x 2160; |            |

## Connectivity

**Input Video Analogue**  
1 x VGA

**Input Video Digital**  
1 x USB-C (with HDCP, 65 W); 3 x HDMI (with HDCP)

**Input Audio Analogue**  
1 x 3,5 mm jack

**Input Control**  
LAN 100Mbit; RS232

#### Input Data

1 x USB 2.0 (Type-A); 2 x USB 3.0 (Type-B); 4 x USB 3.0 (Type-A)

#### Input Touch

1x USB Type-C (shared with video input); 2 x USB 3 (Type-B)

#### Output Audio Analogue

1 x 3,5 mm jack

#### Output Control

RS232

### Open Modular Intelligence

#### OPS Slot

Slot Technology: Open pluggable specification (NEC / Intel OPS standard)

#### OPS Max. Current / Power Consumption [A / W]

3.25 / 65

### Electrical

#### Power Consumption [W]

165 Eco (shipment setting), 330

#### Power Savings Mode [W]

< 0,5

#### Power Supply

100-240 V AC; 50/60 Hz

### Environmental Conditions

#### Operating Temperature [°C]

+5 to +35

#### Operating Humidity [%]

20 to 80

### Mechanical

#### Dimensions (W x H x D) [mm]

1,488.4 x 896.6 x 85.5

#### Weight [kg]

36.5

#### Bezel Width [mm]

16.8 (left, right and top); 45.7 (bottom)

#### VESA Mounting [mm]

4 holes; 600 x 400 (FDMI); M8

#### Packaging Dimensions (W x H x D) [mm]

1,628 x 1,005 x 208

#### Packaging Weight [kg]

49

### Embedded Computing

#### System Version

Android 9.0

#### CPU

Arm Cortex-A73 (Quad-Core)

#### System Memory

4G RAM

#### Internal Storage

32GB ROM

#### Android Features

App side loading (Google CTS compliant); Hide Android SoC

#### Built-in Applications

File Manager; Input Select; PDF Viewer; Setting; Web Browser; Whiteboard; Wireless Screen Sharing - Bytello Share

#### Built-in Tools

Annotation overlay mode

### Bluetooth

#### Bluetooth

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

### Wireless LAN

#### WLAN

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

### Available Options

#### Accessories

Pen software license extension PN-SU01; Soundbar (PN-ZCMS1); Trolley (PD02MHA; PD03MHA; L20PNSR780MEU); USB-C cable (USB-C 5M); Wall mount (L20PNWALL90EU)

#### OPS Slot

Recommended: OPS Enterprise Pro (100016449), OPS Enterprise Ultra (100016450)

### Regulatory

#### Safety and Ergonomics

CE; FCC; RCM; REACH; RoHS; UKCA; UL/C-UL

### 3rd Party Certifications

#### Barco ClickShare

Tested compatible for Barco ClickShare (Conference)

#### Crestron

Certified for Crestron CCV2

### Additional Features

#### Special Characteristics

CEC Support; Clone Settings; HDMI ARC; NaViSet Administrator 2 - free download; Powered USB Port (65 W)

#### Audio

Integrated Speakers (10 W + 10 W)

### Shipping Content

1x 300 cm USB Cable; 2 x Stylus; 2x AAA batteries; Bracket for Camera; Bracket for Mini PC; Cable Clamps; Display; Power Cable; Remote Control; User Manual; Wireless Adapter

### Warranty

3 years warranty incl. backlight; optional 4. + 5. year warranty extension <sup>1</sup>

### Operating Hours

16/7

### Remote Management

NaViSet Administrator 2

### Security

Disable HW Buttons; Disable IR Functionality; Disable USB and LAN Ports; IEEE802.1X (Wi-Fi)

<sup>1</sup> please refer to terms and conditions of warranty extensions



CE



RCM



RoHS

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