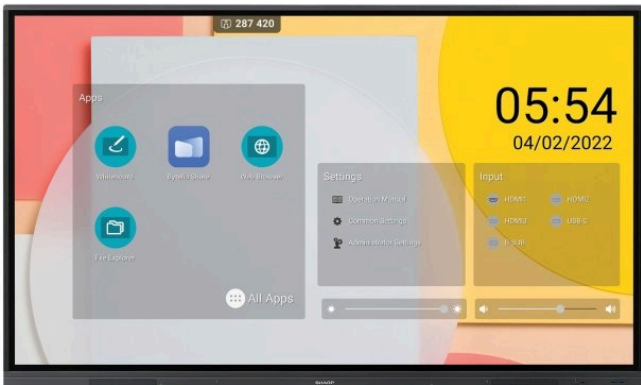


Sharp PN-L652B  
LCD 65" Precision Touch Display

## Datasheet



\* 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.

## 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 [cd/m <sup>2</sup> ] | 350                                  |
| Contrast Ratio (typ.)           | 4000:1                               |
| Viewing Angle [°]               | 178 / 178 (at contrast ratio > 10:1) |
| Response Time (typ.) [ms]       | 6.5                                  |
| Supported Orientation           | Landscape                            |

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

## 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) |
| 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 Eco/max. [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 |
|-----------------------|----|

## 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, Windows 8, Windows 10, Linux, Android; Default Mouse: Windows XP, Windows Vista, Mac OS X |
|----------------------------|--|

|                |         |
|----------------|---------|
| Data Interface | USB-HID |
|----------------|---------|

|                |    |
|----------------|----|
| Palm Rejection | no |
|----------------|----|

|             |     |
|-------------|-----|
| Windows Ink | yes |
|-------------|-----|

|                  |   |
|------------------|---|
| 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 |
|------------------|---|

## Embedded Computing

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

|                |             |
|----------------|-------------|
| System Version | Android 9.0 |
|----------------|-------------|

|     |                            |
|-----|----------------------------|
| CPU | Arm Cortex-A73 (Quad-Core) |
|-----|----------------------------|

|               |        |
|---------------|--------|
| System Memory | 4G RAM |
|---------------|--------|

|                  |          |
|------------------|----------|
| Internal Storage | 32GB ROM |
|------------------|----------|

## Bluetooth

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

## Wireless LAN

|      |                              |
|------|------------------------------|
| WLAN | IEEE802.11ac/n/a/b compliant |
|------|------------------------------|

## Available Options

|             |   |
|-------------|---|
| Accessories | Pen software license extension PN-SU01; Soundbar (PN-ZCMS1); Trolley (PD02MHA; PD03MHA; L20PNSR780MEU); USB-C cable (USB-C 5M); Wall mount (SF680P) |
|-------------|---|

|          |  |
|----------|--|
| OPS Slot | Intel® Atom, Celeron and Core CPUs Slot-in PCs |
|----------|--|

## Additional Features

|                       |                                    |
|-----------------------|------------------------------------|
| Safety and Ergonomics | CE; FCC; RCM; REACH; RoHS; UL/C-UL |
|-----------------------|------------------------------------|

|       |                                   |
|-------|-----------------------------------|
| Audio | Integrated Speakers (10 W + 10 W) |
|-------|-----------------------------------|

|                  |  |
|------------------|--|
| Shipping Content | 1x 300 cm USB Cable; 2 x Stylus; 2x AAA batteries; Cable Clamps; Display; HDMI Cable; Power Cable; Remote Control; User Manual |
|------------------|--|

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

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



CE



RCM



RoHS

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