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 (without glass) [cd/m²]	400
Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	178 / 178 (at contrast ratio > 10:1)
Response Time (typ.) [ms]	6.5
Supported Orientation	Landscape

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

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

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

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/g/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 (L20PNWALL90EU)
OPS Slot	Recommended: OPS Enterprise Pro (100016118), OPS Enterprise Ultra (100016122)

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; Power Cable; Remote Control; User Manual

Warranty	3 years warranty incl. backlight; optional 4. + 5. year warranty extension [1]
Operating Hours	16/7

[1] please refer to terms and conditions of warranty extensions

CE

RCM

RoHS

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