

# Specifications

www.sharp.ca

## General

<b>Installation</b>	
PNCD701	Landscape

## LCD Panel

70" Class (69.5" diagonal) UV <sup>2</sup> A <sup>1</sup> LCD	
<b>Max. resolution</b>	3,840 x 2,160 pixels
<b>Max. display colours</b> (approx.)	1.06 billion colours
<b>Pixel pitch</b> (H x V)	0.401 x 0.401 mm
<b>Max. brightness</b> (average) <sup>*2</sup>	350 cd/m <sup>2</sup>
<b>Contrast ratio</b>	4,000 : 1
<b>Viewing angle</b> (H/V)	176°/176° (CR >10)
<b>Active screen area</b> (W x H)	1,538.9 x 865.6 mm
<b>Response time</b>	6 ms (grey to grey, avg.)
<b>Backlight</b>	W-LED, edge lit

## Touchscreen

<b>Touch technology</b>	Projected Capacitive (PCAP) touch
<b>Direct optically bonded</b>	Yes
<b>Palm reject</b>	Yes
<b>PC connection port</b>	USB (2.0) Type B x1, USB Type C x2
<b>Power supply</b>	Supplied from main unit
<b>Multi touch</b>	10 points
<b>Protection glass</b>	Thickness: approx. 1.9 mm <sup>*3</sup> Shock resistance: 130 cm <sup>*4</sup>

## Pen

<b>Passive touch pen</b>	Standard with the Windows collaboration display
--------------------------	---

## Wireless Casting

<b>Wireless communication method</b>	2.4 GHz, IEEE802.11 b/g/n; 5 GHz, IEEE802.11 a/n/ac
<b>Supported devices</b>	Windows and Android

## Computer Input

<b>Video</b>	HDMI™ x1, USB Type C (DP Alt Mode) x2
<b>Plug &amp; play</b>	Yes
<b>Power management</b>	Yes
<b>Input/Output terminals<sup>*5</sup></b>	
Top	USB (3.0) Type A x2 (1 for camera) SPDIF-In x1 (for camera)

<b>Side</b>	USB (3.0 compliant) Type A x2 LAN port (External Gb Ethernet) x1 AUDIO LINE-OUT (3.5mm-diameter mini stereo jack) x1 LAN port (Internal Gb Ethernet) x1 USB (2.0 compliant, Internal storage expansion) Type A x1 USB Type C (DP Alt Mode) Output x1
<b>Service Port</b>	USB (2.0 compliant) Type A x1 UART TX/RX port (3.5mm-diameter mini jack) x1
<b>Speaker output</b>	
Built-in	12 W + 12 W
<b>Power supply</b>	100V - 240V / AC 50/60Hz
<b>Power consumption</b>	370W max
<b>Environmental conditions</b>	
Operating temperature	41°F to 95°F / 5°C to 35°C
Operating humidity	20% to 80% RH (no condensation)
<b>Dimensions</b> (W x D x H) (display only)	63-29/32" x 3-17/32" x 38-7/16"
<b>Weight</b> (display only)	143.3lbs / 65kg
<b>Main accessories</b>	AC power cord, battery, set-up manual, USB Type C (DP Alt Mode) compliant cable (8.0 m), HDMI cable, USB touchback cable, passive touch pen

## Unified Communications

<b>Output connector</b>	USB (3.0) Type A
<b>Camera resolution</b>	4K UHD (up to 3840 x 2160 pixels) sensor supporting high quality, low noise video at 30fps
<b>Camera field of view</b>	120°
<b>Microphone</b>	Array microphone x 4
<b>Sound collecting distance</b>	13 - 20 ft

## IoT Sensor Hub

<b>Output connector</b>	USB (2.0) Type A
<b>AI camera</b>	
Resolution	1,920 x 1,080 @30 fps
Colour space	YUY2, MJPG
Field of view	74.8°
<b>Motion sensor</b>	
Sensor type	Microwave
Detection area	140° (Horizontal) / 70° (Vertical) OdB level
<b>Light sensor</b>	
Selectable LUX ranges	128/256/512/1024/2048
Processing	50/60Hz flicker noise and IR rejection
<b>Air quality sensor</b>	
Gas types	eCO2, TVOC
<b>Temperature humidity sensor</b>	
Temperature range	-40°F to 212°F / -40°C to +100°C
RH range	0% - 100%

\*1 UV<sup>2</sup>A stands for Ultraviolet-induced Multi-domain Vertical Alignment, a photo-alignment technology that ensures uniform alignment of liquid crystal molecules. \*2 Brightness depends on input mode and other picture settings. Brightness level will decrease slightly over the lifetime of the product. Due to the physical limitations of the equipment, it is not possible to maintain a precisely constant level of brightness. \*3 Including AG film on the front and AR film on the back. \*4 Approximate distance at which the glass panel can withstand the impact of a 500-gram iron ball dropped on its centre. \*5 Use a commercially available connection cable for PC and other video connections.



# SHARP®

SHARP ELECTRONICS OF CANADA LTD.  
335 Britannia Road East, Mississauga, Ontario L4Z 1W9  
1-800-567-4277 • www.sharp.ca  
©2019 Sharp Electronics of Canada Ltd.  
Printed in Canada.

Sharp and Pen-on-Paper are registered trademarks of Sharp Corporation and/or its affiliated companies. Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the US and/or other countries. Apple and Mac are trademarks of Apple Inc., registered in the US and other countries. Android is a trademark of Google Inc. The terms HDMI and HDMI High-Definition Multimedia Interface and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. All other brand names and product names may be trademarks or registered trademarks of their respective owners. Some screen images appearing in this brochure are simulated. Design and specifications are subject to change without prior notice.