

**IP65 Flat Bezel-Free, Stainless Water-Proof Panel PC  
17" LCD Monitor, Bay Trail J1900, RAM 2G, HDD 320G,  
Projected Capacitive Touch.**



**Model: PSP1700PCT**

## FEATURES

- Flat Bezel-Free, Stainless Water-Proof Panel PC, IP65 (Options for IP66 or IP69/K)
- Size : 17" LCD
- Projected Capacitive Touch (P-CAP)
- Motherboard : Bay Trail J1900, Memory : RAM 2G (Max 8G)
- Storage : HDD 320G (Option 64G SSD)
- LAN Communication : 1 or 2 Lan. (Option: WiFi)
- I/O: 3xUSB, 3xRS-232 (Can have 1xRS-422/485)
- Connector : KDL Cable Entry Type or Stand-alone type



- Power-in : 12V, 96 Watts (Option for wide-voltage 9-36V)
- Others : Per customer's requests.

**Applications:** Can be used in industrial environmental areas, i.e. Distribution Centers, Automatic Production Factories, Food Processing Plants, and related areas.

## SYSTEM FEATURES

- Selective Connector for IP65 or IP66/69K
- Air Valve to prevent water condensation



**KDL Cable Entry Type**



**Stand-alone Circular Type**



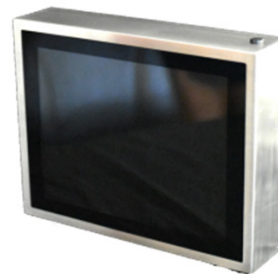
**Power Switch**



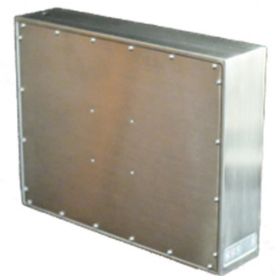
**Air Valve**



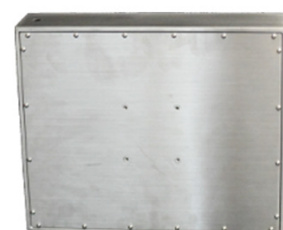
**Front View**



**Side View**



**Back View**



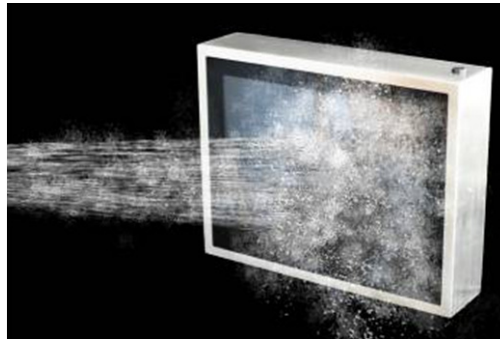
## CPU SPECIFICATIONS

Motherboard	3.5" Industrial M/B	
CPU Support	Intel Bay Trail J1900 (Quad Core 2.0GHz)	
System Memory	2GB-DDR3L (Max. 4GB)	
Storage	HDD	320GB 2.5"x1
	SSD	SSDx1 (Optional)
LCD	Size	15"-19" LED LCD Panel (Industrial Grade)
Touchscreen	Projective Capacitive Touch/Optional: TW 5W Resistive Touch	
External I/O	3xUSB	
	3xRS232	
	1XVGA	
	1XHDMI	
	2xLAN(10/100/1000)	
	1XDC In	
Temperature Range	0C~60C (Option -20C~ +70C)	
Power Source	External AC Power In, 110~240VAC	
Option	Wi-Fi, Scanner, Metal Stand, IP66, IP69K, Others	

## IP Lab Tests & Report

- IP 6x-Dust Prevention
- IP x6-High Pressure Water
- IP x9K-H.P. Stream Water

### Testing Scene



## IP Test Certificates

### 1. KDL Cable Entry

**ALAB** TEST REPORT

Report No.: CY-2018-1001  
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Applicant: PURTRON International Inc. Date: Aug 11, 2018  
4F, No.5, Lane 45, Bailing Rd., Xindian Dist.,  
New Taipei City 231, Taiwan, R.O.C.

Description: Sample Name: Waterproof Panel PC (Multipoint + RSX entry system)  
Model Name: PW-LX  
Date of Receipt: Jul 27, 2018  
Date of Testing: Jul 27, 2018 ~ Aug 04, 2018

Test Required: As requested by the applicant, please see following sheets in detail.

Conclusion	Test Information	QTY	Test Result	Page
Degrees of protection provided by enclosures - IP6X		1	PASS	2
Degrees of protection provided by enclosures - IP9K		1	PASS	3
High-Pressure/Steam Jet Clearing Test - IP9K		1	PASS	4

Certificate: TAF (Inc.) Certificate of Independent Test Laboratory's Approval  
Certificate No.: 1723

Authorized by:  
On behalf of World Advanced Co., Ltd  
*Casbee Liu*  
Casbee Liu  
Manager

Notes:  
• This report will be invalid if duplicated or photocopied in part.  
• This report refers only to the specimen(s) submitted to test, and is invalid for separately used.

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ART1810001  
Page 7 of 8

### 2. Amphenol Circular

**ALAB** TEST REPORT

Report No.: PW-2018-1002  
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Applicant: PURTRON International Inc. Date: Aug 11, 2018  
4F, No.5, Lane 45, Bailing Rd., Xindian Dist.,  
New Taipei City 231, Taiwan, R.O.C.

Description: Sample Name: Waterproof Panel PC (Amphenol Circular type Connector)  
Model Name: PW-LX  
Date of Receipt: Jul 27, 2018  
Date of Testing: Jul 27, 2018

Test Required: As requested by the applicant, please see following sheets in detail.

Conclusion	Test Information	QTY	Test Result	Page
Degrees of protection provided by enclosures - IP9K		1	PASS	2

Certificate: TAF (Inc.) Certificate of Independent Test Laboratory's Approval  
Certificate No.: 1723

Authorized by:  
On behalf of World Advanced Co., Ltd  
*Casbee Liu*  
Casbee Liu  
Manager

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Page 1 of 1

# MECHANICAL DRAWING

