



PPC-S152

15" Fanless Multi-touch Waterproof Panel PC with Intel® Celeron® J1900 Processor

Arestech's PPC-S152 is an industrial grade 15" LED multi-touch waterproof Panel PC. The stainless steel front panel protects the PPC-S152 from weathering and oxidation. The exceptionally strong bond between the touch-panel and front panel gives the PPC-S152 an IP65 waterproof rating. The slim 2.5 mm front cover makes wall mounting easy. Designed with an Intel® Celeron® Bay Trail D J1900 2.0 GHz processor, the PPC-S152 delivers exceptional performance at low power. Additionally, the PPC-S152's four COM ports can make factory automation control easier. The PPC-S152 is the best choice for use in CNC control panels, the food industry, and outdoor kiosk applications.

Features

- 15" XGA LED Panel with Projected Capacitive Touch Display
- Intel® Celeron® J1900 2.0 GHz Processor
- Stainless Steel IP65 Waterproof Front Cover
- Completely Flat Front Design
- Supports Two-finger Touch Control while Wearing Gloves
- Panel and VESA Mounting

Applications

- CNC Control Panel
- Food Industry Management System
- Animal Feed Production Facility
- Outdoor Kiosk

PPC-S152

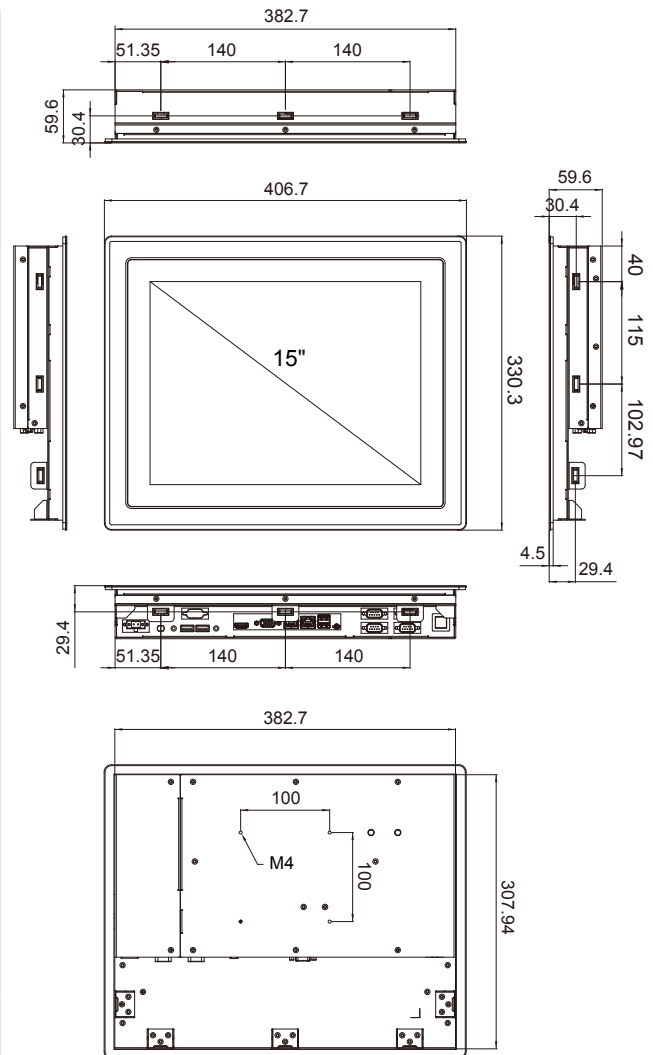
15" Fanless Multi-touch Waterproof Panel PC with Intel® Celeron® J1900 Processor



Specifications

Model		PPC-S152P
Processor System	CPU	Intel® Celeron® Processor J1900
	Frequency	Quad-Core up to 2.0 GHz
	L2 Cache	2 MB
	System Chipset	N/A
	BIOS	UEFI
Memory	Technology	DDR3L 1333 MHz SDRAM
	Max. Capacity	8 GB
	Socket	1 (204-pin SO-DIMM)
Display	Panel Size	15" LED Panel
	Resolution	1024 x 768 (XGA)
	Viewing Angle	80 x 80 (H) x 80 x 80 (V)
	Brightness	300 (cd/m2)
	Color Support	16.7M
	Contrast Ratio	800:1
	Response Time	8 (msec)
	Chipset	Intel® Gen7 Graphic Engine
	Graphics Engine	DirectX 11, OpenGL 3.2, OpenCL 1.1
	VGA	Up to 1920 x 1200
	HDMI	HDMI 1.4a up to 1920 x 1200
	Dual Display	VGA + HDMI
Touchscreen	Touchscreen Type	Projected Capacitive
	Surface Hardness	7
	Transparency	90% (±3%)
	USB	2 USB 2.0, 2 USB 3.0
I/O Interface	Serial Port	4 COM (3 RS-232, 1 RS-232/422/485)
	Digital I/O (Optional)	8-pin Digital I/O (DB-9 connector)
Ethernet	Controller	Dual GbE, 10/100/1000 Mbps (Realtek RTL8111G-CG)
Audio	Chipset	Realtek ALC662 High Definition Audio (HD)
	Connector	Line out
Storage	mSATA	1 (shared with full-size Mini PCIe)
	SATA II	1 Internal 2.5" HDD/SSD
Power	Power Supply Voltage	9-36 V DC input (Phoenix Connector)
	Power Adapter	AC-to-DC, 12 V @ 5 A, 60 W
	Power Consumption (Typical)	2.43 A @ 12 V (29.2 W) add USB Load Test
	Power Consumption (Max.)	2.79 A @ 12 V (33.8 W) add USB Load Test
Environment	Operating Temperature	-20~55° C (-4~131° F) w/ 2.5" SSD (Humidity: 40° C @ 95% RH Non-Condensing)
	Storage Temperature	-40~85° C (-40~185° F) (Humidity: 60° C @ 95% RH Non-condensing)
	Humidity	5~95% @ 40° C, Non-condensing
	Vibration	5-500 Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis
	Certification	CE, FCC Class A
General	Front Panel Waterproof	IP65, stainless steel front cover
	Dimensions (L x W x H)	406.7 x 330.3 x 59.6 mm (16.01" x 13.00" x 2.35")
	Weight	5.7 kg (12.54 lb)
	Operating System	Windows 7/8.1/10, WES7-E/P, WE8S

Dimensions



Packing List

Description
1 x PPC-S152
1 x Driver CD
1 x Power Adapter (AC-to-DC, 12 V @ 5 A, 60 W)
12 x Panel Mounting Screws

Ordering Information

Part No.	Description
PPC-S152P-A1	15" Fanless Projected Capacitive Touch Panel PC with IP65 Protection, and Intel® Celeron® J1900 2.0 GHz Processor

Optional Items

Part No.	Description
ACS-PS-US	Power Cable 3-pin, 180 cm, USA Type
ACS-PS-EU	Power Cable 3-pin, 180 cm, Euro Type
ACS-PS-CN	Power Cable 3-pin, 180 cm, China Type
ACS-100-STD	VESA Table Stand

Arestech

Embedded & Automation Solutions

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