PPC-S156

Arestech

15” Fanless Multi-touch Waterproof Panel PC with
Intel® Core™ i5-4300U Processor

Features

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

Applications

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

Packing List

Description
1 x PPC-S156
1 x Driver CD
1 x Power Adapter (AC-to-DC, 12 V @ 5 A, 60 W)
12 x Panel Mounting Screws

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
AWD-3G001-00	3G (HSPA+) Module + 1 Antenna, Full-size
AWD-4G001-00	4G (LTE) Module + 2 Antennas, Full-size
AWD-WF001-00	Wi-Fi 802.11 bgn (1T1R) + 1 Antenna, Half-size
AWD-WF002-00	Wi-Fi 802.11 bgn/BT4.0 (1T1R) Module + 1 Antenna (Dual band), Half-size
AWD-WF003-00	Wi-Fi 802.11 abgn/ac/BT4.0 (2T2R) Module + 2 Antennas (Dual band), Half-size

Ordering Information

Part No.	Description
PPC-S156P-A1	15” Fanless Projected Capacitive Touch Panel PC with Intel® Celeron® J1900 2.0 GHz Processor

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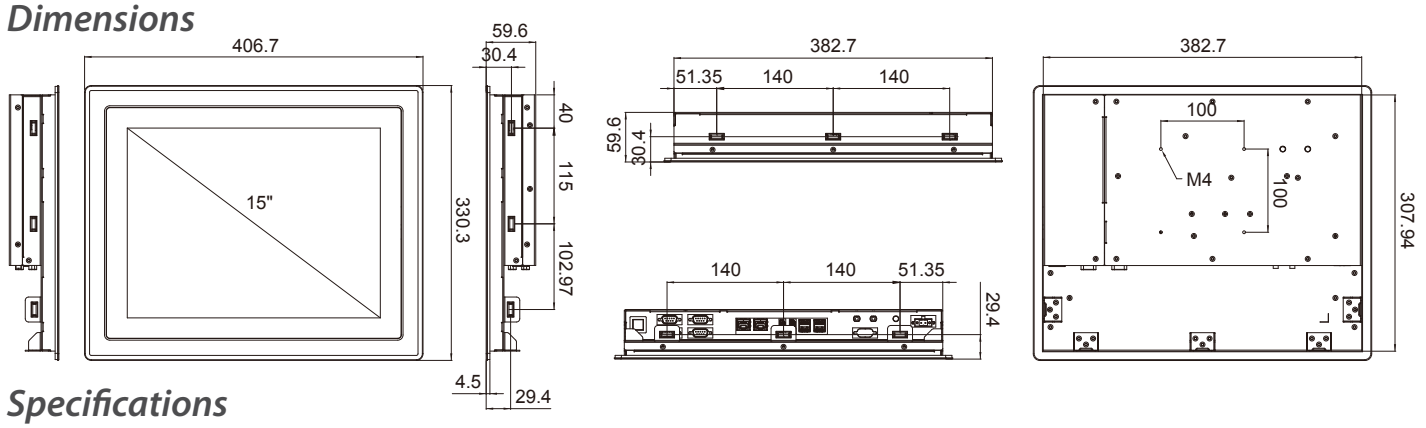
Dimensions



Specifications

Model		PPC-S156P
Processor System	CPU	Intel® Core™ i5-4300U Processor
	Frequency	Dual-Core up to 1.9 GHz
	L2 Cache	3 MB
	System Chipset	N/A
	BIOS	UEFI
Memory	Technology	DDR3L 1333/1600 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® HD Graphics 4400
	Graphics Engine	DirectX 11.2, OpenGL 4.3
	HDMI	2 HDMI 1.4a up to 1920 x 1200
	Dual Display	2 HDMI + LVDS
Touchscreen	Touchscreen Type	Projected Capacitive
	Surface Hardness	7
	Transparency	90% (±3%)
I/O Interface	USB	4 USB 3.0
	Serial Port	4 COM (2 RS-232, 2 RS-232/422/485)
	Digital I/O (Optional)	4 GPI + 4 GPO (DB-9 connector)
	Expansion	2 Mini PCIe (half-size)
Ethernet	Controller	Dual GbE, GbE 1: 10/100/1000 Mbps (Realtek RTL8111G-CG), GbE 2: 10/100/1000 Mbps (Intel® I218LM)
Audio	Chipset	Realtek ALC662 High Definition Audio (HD)
	Connector	Line out, Mic in
Storage	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)	2.6 A @ 12 V (31.3 W) add USB Load Test
	Power Consumption (Max.)	3.88 A @ 12 V (48 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

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