

PPC-186

18.5" Fanless Multi-touch Panel PC with
Intel® Core™ i5-4300U Processor

Arestech



Features

- 18.5" HD LED Panel with Projected Capacitive Touch Display
- Intel® Core™ i5-4300U Processor
- Two-finger Touch Control while Wearing Gloves
- Completely Flat Front Design
- Panel and VESA Mounting

Applications

- Food Industry Management System
- Animal Feed Production Facility
- Signage, Kiosk, Dashboard
- Machine Automation

→ Packing List

Description
1 x PPC-186
1 x Driver CD
1 x Power Adapter (AC-to-DC, 12 V @ 5 A, 60 W)
6 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

→ Ordering Information

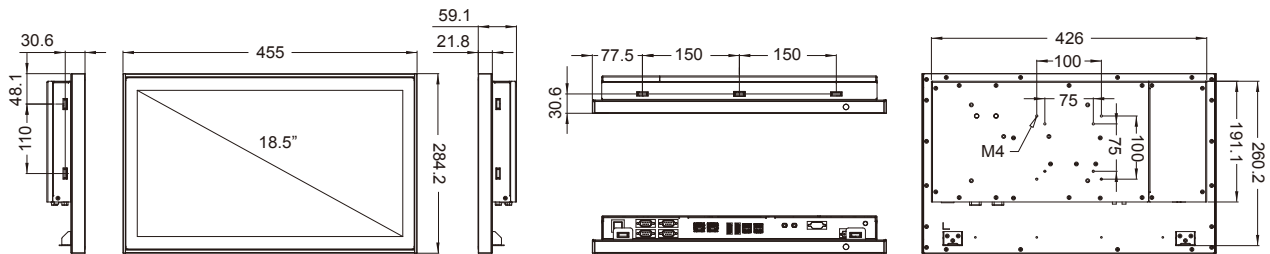
Part No.	Description
PPC-186P-A1	18.5" Fanless Projected Capacitive Touch Panel PC with Intel® Core™ i5-4300U 1.9 GHz Processor

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PPC-186

→ Dimensions

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Cut out: 428 * 262.2mm

→ Specifications

	Model	PPC-186P
Processor System	CPU	Intel® Core™ i5-4300U Processor
	Frequency	Up to 2.9 GHz
	L2 Cache	Intel® Smart Cache 3 MB
	System Chipset	By CPU
	BIOS	UEFI
Memory	Technology	DDR3L 1333 MHz SDRAM
	Max. Capacity	8 GB
	Socket	1 (204-pin SO-DIMM)
Display	Panel Size	18.5" LED Panel
	Resolution	1366 x 768 (WXGA)
	Viewing Angle	85 x 85 (H) x 80 x 80 (V)
	Brightness	250 (cd/m2)
	Color Support	16.7M
	Contrast Ratio	1000:1
	Response Time	3.6 (msec)
	HDMI	2 HDMI 1.4a up to 1920 x 1200
Touchscreen	Three Display	LCD + HDMI
	Touchscreen Type	Projected Capacitive
	Surface Hardness	7
I/O Interface	Transparency	90% (±3%)
	USB	4 USB 3.0
	Serial Port	4 COM (3 RS-232, 1 RS-232/422/485)
	Digital I/O (Optional)	4-bit DI, 4-bit DO (DB-9 connector)
Ethernet	Expansion	2 Mini PCIe (1 Full-size, 1 Half-size)
	Controller	GbE 1: 10/100/1000 Mbps (Realtek RTL8111G) 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 Supply Voltage	9-36 V DC input (Phoenix Connector)
Power	Power Adaptor	AC-to-DC, 12 V @ 5 A, 60 W
	Power Consumption (Typical)	TBD
	Power Consumption (Max)	TBD
	Battery	Lithium 3 V / 210 mAH
Environment	Operating Temperature	0~50° C (32~122° F) (Humidity: 80% RH non-condensing)
	Storage Temperature	-40~85° C (-40~185° F) (Humidity: 80% RH 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	IP Protection	IP54
	Dimensions (L x W x H)	445 x 284.2 x 59.1 mm (17.52" x 11.19" x 2.32")
	Weight	6 kg (13.2 lb)
	Operating System	Windows 7/8/10, W57E/P, WE8S

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Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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