

PPC -212

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



Features

- 21.5" HD LED Panel with Projected Capacitive Touch Display
- Embedded Intel® Celeron® J1900 2.0 GHz Processor
- Internal SATA 2.5" HDD and mSATA Socket
- Supports Two-finger Touch Control while Wearing Gloves
- Panel and VESA Mounting

Applications

- Human Machine Interface (HMI)
- Factory / Manufacturing Automation
- ATM / Self-service / Kiosk Applications
- Vending Machine / Ticketing Machine

→ Packing List

Description
1 x PPC-212
1 x Driver CD
1 x Power Adapter (AC-to-DC, 12 V @ 5 A, 60 W)
9 x Panel Mounting Screws

→ Optional Items

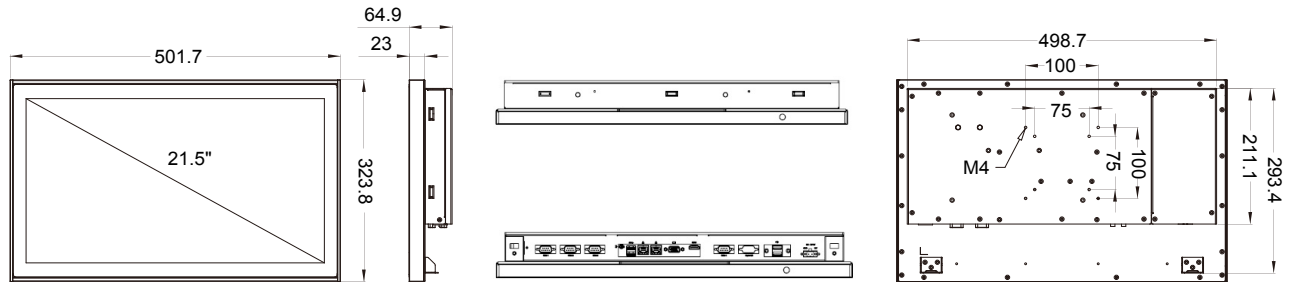
Part No.	Description
ACS-PS-US	Power Cable 3-pin, 180 cm, USA Type
ACS-PS-EU	Power Cable 3-pin, 180 cm, Euro Type
ACS-PS-CN	Power Cable 3-pin, 180 cm, China Type
ACS-100-STD	VESA Table Stand

→ Ordering Information

Part No.	Description
PPC-212P-A1	21.5" Fanless Projected Capacitive Multi-touch Panel PC with Intel® Celeron® J1900 2.0 GHz Processor

PPC -212

→ Dimensions



→ Specifications

Model		PPC-212P
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	21.5" LED Panel
	Resolution	1920 x 1080 (FHD)
	Viewing Angle	85 x 85 (H) x 80 x 80 (V)
	Brightness	250 (cd/m ²)
	Color Support	16.7M
	Contrast Ratio	1000:1
	Response Time	5 (msec)
	HDMI	HDMI 1.4a up to 1920 x 1200
Touchscreen	Dual Display	LCD + VGA or LCD + HDMI
	Type	Projected Capacitive
	Surface Hardness	7
I/O Interface	Transparency	90% (±3%)
	USB	2 USB 3.0, 2 USB 2.0
	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	Expansion	2 Mini PCIe (1 full-size Mini PCIe or mSATA, selected by jumper setting; 1 half-size Mini PCIe)
	Controller	Dual GbE, 10/100/1000 Mbps (Realtek RTL8111G-CG)
Audio	Chipset	Realtek ALC662 High Definition Audio (HD)
	Connector	Line out
Storage	mSATA	Supports either mSATA or full-size Mini PCIe, selected by jumper setting
	SATA II	1 Swappable 2.5" HDD/SSD
Power	Power Supply Voltage	Supports 9-36 V DC input (Phoenix Connector)
	Power Adaptor	AC-to-DC, 12 V @ 5 A, 60 W
	Power Consumption (Typical)	1.6 A @ 12 V (19.2 W)
	Power Consumption (Max)	2.75 A @ 12 V (33 W)
	Battery	Lithium 3 V / 210 mAh
Environment	Operating Temperature	0~50° C (32~122° F) w/ 2.5" SSD
	Storage Temperature	-40~85° C (-40~185° F)
	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	Ingress Protection	IP54
	Dimensions (L x W x H)	524.3 x 323.8 x 59.1 mm (20.63" x 12.75" x 2.33")
	Weight	6.99 kg (15.41 lb)
	Operating System	Windows 7/8, WS7E/P, WE8S