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SMART SOLUTIONS 2 GO 4

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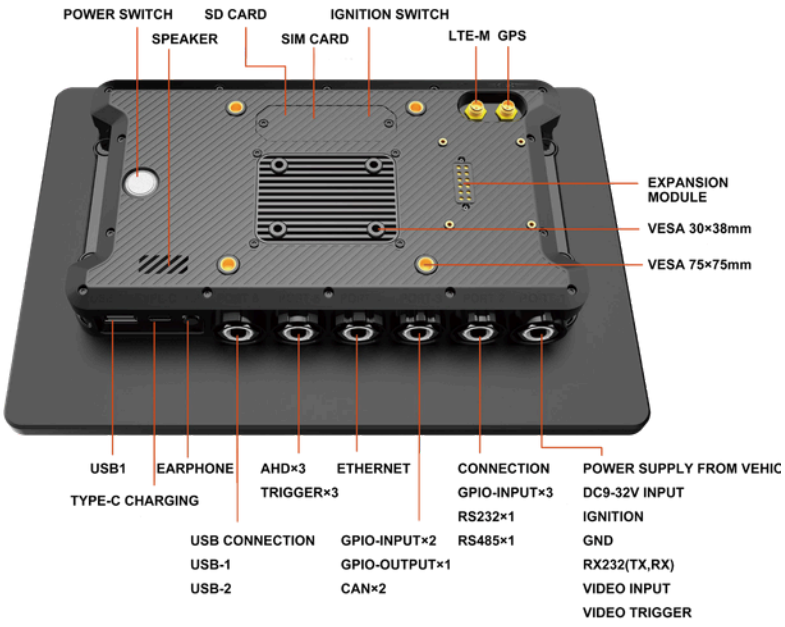
10" Panel PC

PaceBlade PPC-101



Versatile Android Panel PC for Seamless Integration

The **PaceBlade PPC-101** Android Panel PC combines **reliable performance with a compact design**, making it an ideal solution for a wide range of industrial and commercial applications. Powered by **Android**, it offers a user-friendly platform for running applications, accessing real-time data, and integrating with existing systems. Designed for flexible deployment, the PPC-101 provides a practical and versatile solution for businesses looking to streamline their operations with smart, connected technology.



Key Specs

- Android 16
- Supercapacitor
- 10" IPS 1920 x 1200 Display
- IP67
- 4G LTE and WiFi
- 40MP Camera
- Supports Barcode Scanner, RS232 Module, LF RFID Reader, Barometric Altimeter and LoRa Module

I/O Connectivity

- 2x RS232
- 1x RS485
- 6x GPIO
- 2x USB
- 2x CAN Bus
- 1x Ethernet
- 1x Expansion Module
- 1x LTE Antenna
- 1x GPS Antenna

PaceBlade Added Value

- 2-Year manufacturer's warranty
- Free PaceBlade MDM Included
- Full customization possibilities
- Competitive pricing
- Extended warranty options





Specifications

PERFORMANCE CHARACTERISTICS	
CPU	2.2GHz Octa Core Processor
OS	Android 16 with GMS, Non-GMS
Memory	4GB LPDDR5X
	128GB UFS2.2

PHYSICAL CHARACTERISTICS	
Dimensions	245mm L x 163mm W x 38mm D
Weight	1140g
Display	10 inch, IPS panel (1920 x 1200 pixel)
Touch Panel	Anti-glare capacitive multi-touch panel / Glove, Wet Touch
Backlight	LED Backlight
Power	Supercapacitor (TBD)
Expansion Slot	User accessible micro SD card slot
	Standard supports up to 512GB
SIM	2x Nano-SIM, eSIM
Interface	1x USB-C 3.0 Charging
	1x USB-A 2.0 OTG
	1x 3.5mm Audio Headphone Jack
	2x SMA Female socket (GPS and LTE Antenna)
	6x M9 8-pin Waterproof Aviation Connectors:
	PORT-1: Vehicle VCC DC9-48V Input, Ignition, GND
	AHD Video Input, Camera Trigger, GPIO Input
	PORT-2: 1x RS232, 1x RS485, 3x GPIO Input
	PORT-3: 2x USB 2.0 OTG
	PORT-4: 3x AHD Video Input, 3x Camera Trigger
	PORT-5: 1x LAN (100 Mbps Ethernet)
	PORT-6: 2x CAN Bus, 2x GPIO Input, 1x GPIO Output
Notification	Audible tone
Voice / Audio	Speaker, Microphone, headphone
Keypad	On-screen keypad

WIRELESS WAN DATA AND VOICE COMMUNICATION	
Radio Frequency	GSM: B2/B3/B5/B8
	WCDMA: B1/B2/B4/B5/B8
	LTE-TDD: B38/B40/B41
	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B17 B18/B19/B20/B25/B26/B28/B66
GNSS	GPS, GLONASS, GALILEO (Dual-band L1+L5)
External Antenna	SMA GPS antenna, SMA LTE-M antenna

WIRELESS LAN	
Radio	Wireless Standards:
	Wi-Fi 6 (802.11ax), 802.11 ac wave2, 802.11 a/b/g/n
	Antenna Array:
	Dual-Band Simultaneous (DBS) 2x2 MIMO configuration

WIRELESS PAN	
Bluetooth	V5.2

WIRED LAN	
Ethernet	Support

DATA CAPTURE	
Camera (Not by default)	Front camera 8MP (optional) Rear camera 40MP (optional)
NFC	ISO/IEC 14443 Type A
	ISO/IEC 14443 Type B
	ISO/IEC 15693
	ISO/IEC 18092
Serial Communication	2x RS232
	1x RS485

SENSOR	
Light Sensor	Ambient Light,
Motion Sensor	Accelerometer, E-Compass, Gyroscope

USER ENVIRONMENT	
Operating Temp	-20°C to 60°C / -4°F to 140°F
Storage Temp	-20°C to 70°C / -4°F to 158°F
Humidity	90% non-condensing
Sealing	IP67
Electrostatic Discharge (ESD)	+/-8kVdc air discharge +/-4kVdc direct discharge +/-4kVdc indirect discharge

OPTIONAL ACCESSORIES

EXPANSION MODULE
VESA Mount (30 x 38mm)
VESA Mount (75 x 75mm)

* Specification is subject to change.

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