

# PA-301

7" Full Rugged Android Pad



With its various interfaces,  
increased application range.

- IP65, MIL-STD-810G, 5 feet drop resistance
- Seamless communication, optional 3.5G
- Capacitive multi-touch, optional sunlight readable
- Complete I/O interfaces including RJ45, RS232, USB
- Up to 8 hours battery life
- Optional extended battery for over 17 hours battery life
- Compact vehicle dock with wide range voltage power
- Wide coverage accessories to meet different needs

## I/O Diagram



## Specification

### Operating System

- Android 4.0

### CPU

- TI Dual Core Cortex A9 OMAP4470 1.5GHz

### Memory

- 2GB LPDDR2

### Storage

- 32GB eMMC (up to 64GB)

### Display

- 7-inch 1280 x 800 WXGA
- 350nits, optional 700nits for sunlight readable
- Capacitive touch screen

### RF

- Wi-Fi 802.11 a/b/g/n
- Bluetooth v4.0
- 3.5G (option)
- GPS

### Data Collection

- 1.2MP front camera
- NFC
- 5MP rear camera w/ auto focus and LED flash
- 1D/2D barcode reader + MSR 2-in-1 snap-on module (option)

### Control Button

- Power, Home button
- Programmable button x 5

### LED Status Indicator

- Power on/off
- GPS on/off
- Wi-Fi on/off

### Battery

- Internal battery, 2900mAh, 7.4V
- External battery, 4200mAh, 7.4V(hot-swappable, option)

### I/O Interface

- USB 2.0 type A x 1, Micro USB x 1
- Micro SD x 1, Micro SIM x 1
- Ethernet (RJ-45) x 1, RS-232 x 1
- Audio jack (Headphone/Microphone combo) x 1, speaker x 1
- 32-pin docking connector x 1

### Certifications

- CE, FCC, CB

### Power Adapter

- Universal AC 100V~240V, 50~60Hz input; 19VDC@3.42A 65W

### Dimensions and Weight

- 22.5 x 16.8 x 2.7cm (8.9" x 6.6" x 1" )
- 2.09 lbs (0.95kg)

### Rugged Feature

- IP65, MIL-STD-810G, 5 feet drop

### Environment

- Operating temperature -20 to 50°C
- Storage temperature -30 to +70°C
- Humidity 5% ~ 95%

### In-box Accessory

- Hand Strap
- Shoulder Strap
- Handle
- Adapter

## Accessory



Hand Strap



Handle



Vehicle Dock



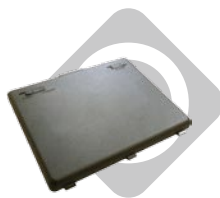
Desktop Dock



Battery Charger



MSR + Barcode Reader



External Battery



Shoulder Strap



Car Adapter