



PA-501

10.1" Full Rugged Android Pad



The optimal synthesis of functionality and durability, up to new experience

- IP65, MIL-STD-810G, 5 feet drop resistance
- 802.11 a/b/g/n, BT 4.0, optional 3.5G or 4G LTE
- Multi-touch supports glove touch, water proovement, palm rejection, 2mm hard-tip stylus
- Programmable physical buttons
- Up to 13 hours battery life
- Optional extended battery for over 22 hours battery life
- Compact vehicle dock with RF pass-through and wide range voltage power
- Wide expansion design with various peripherals

I/O Diagram



Specifications

OS

- Android 4.2

CPU

- TI Dual Core Cortex A9 OMAP4470 1.5GHz

Memory

- LPDDR2 2GB

Storage

- 32GB eMMC (up to 64GB)

Display

- 10.1-inch WXGA (1366 x 768) TFT LCD
- Projective capacitive w/ five fingers multi-touch

RF

- 802.11 a/b/g/n
- Bluetooth V4.0
- WWAN 3.5G & 4G LTE (option)
- GPS

Data Collection

- 1.2M Camera (front side)
- 5M AF Camera w/ LED flash (rear side)
- MSR reader (expansion bay)
- NFC (expansion bay)
- CAC reader (expansion bay)
- 2D Barcode Scanner (factory option)

Control Button

- Power button x1, screen lock button x1, volume button x 2
- Barcode trigger button x 2 (on front-side bezel)
- Programmable function button x 4

LED Status Indicator

- Power on/off
- RF on/off
- Scanner LED (green)
- Battery full/charging/low

Battery

- Internal li-ion backup battery : 2200mAh, 7.4V
- External li-ion standard battery : 4400mAh, 7.4V
- External li-ion extended battery : 8800mAh, 7.4V (option)

I/O Interface

- USB 2.0 type A x 1, Micro USB (OTG) x 1, RS-232 DB9 x 1
- Micro HDMI x 1, Micro SD x 1, DC-In x 1
- Audio jack for stereo headphone & microphone x 1
- Internal speaker x 1, internal microphone x 1
- 2-pin RF pass-through connector x 1
- 18-pin pogo connector x 1

Power Adapter

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

Physical Characteristics

- 280.7 (W) x 183 (H) x 20.8mm (D) (rubber not included)

Rugged Feature

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

Environment

- Operating temperature -20 to 60°C
- Storage temperature -30 to +70°C
- Operating humidity 5% ~ 95%