



# PX-501

10.1" Full Rugged Windows Pad

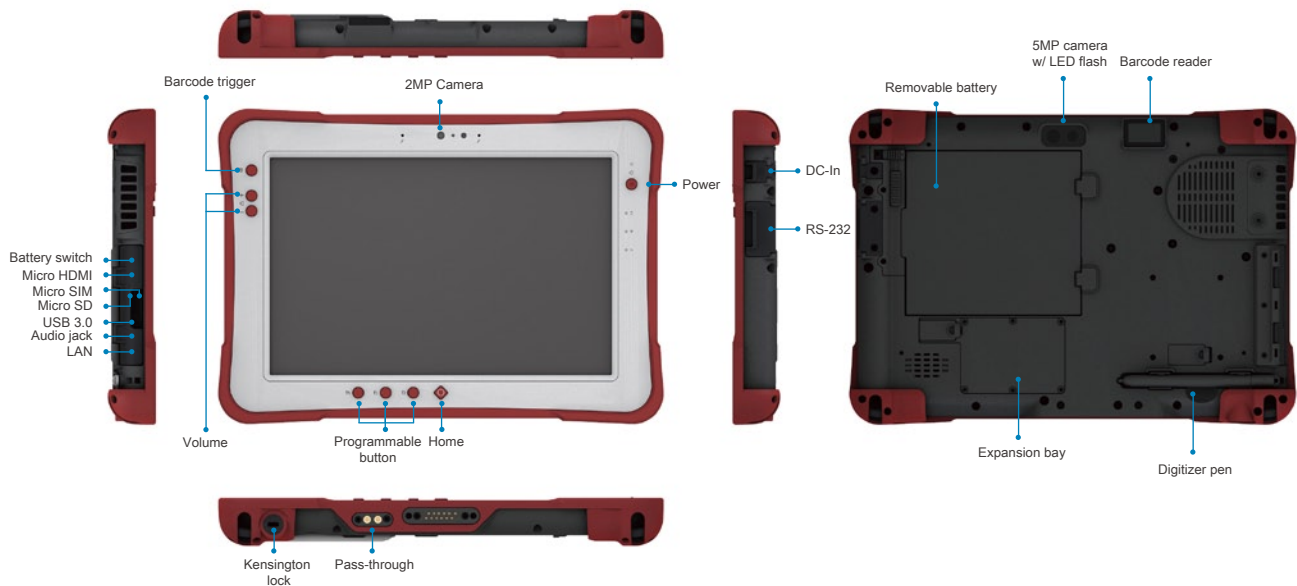
*Preliminary*



## Performance and Versatility to Perfection

- Intel Core i5 processor
- IP65, MIL-STD-810G, 5 feet drop resistance
- 1,000 nits sunlight readable display
- Capacitive multi-touch supports glove touch, water rejection, palm rejection and digitizer
- 802.11 ac, optional 3.5G or 4G LTE
- Built-in GNSS (GPS + GLONASS + BeiDou)
- Hot swappable dual battery design
- Wide expansion design for data capture, optional barcode reader built-in
- Dual pass-through for WLAN, GNSS, WWAN

### I/O Diagram



## Specifications

### OS

- Windows 7 Pro (64 bit) / Windows 8.1 Industry Pro (64 bit)

### CPU

- Intel Core i5-4300U

### Memory

- 4GB DDR3L up to 8GB by request

### Storage

- mSATA SSD 128GB (optional 256GB)

### Display

- 10.1" WUXGA (1920x1200) full HD w/ 1,000nits backlight
- 10-point capacitive multi-touch + glove touch + water rejection + palm rejection + digitizer

### RF

- Wi-Fi 802.11 ac/a/b/g/n
- Bluetooth v4.0
- 3.5G & 4G LTE (option)
- GNSS(GPS/Glonass/BeiDou)

### Data Collection

- 2MP front camera
- 5MP rear camera w/ auto focus and LED flash
- MSR reader (expansion bay)
- Smart card reader-CAC (expansion bay)
- NFC (expansion bay)
- 2D Barcode, factory option

### Control Button

- Power, Home, Volume button
- Barcode button
- Programmable x 3

### Sensor

- Gyro, Accelerometer, Ecompass, Ambient light sensor

### LED Status

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

### Battery

- Backup:3.7V, 2500mAh, battery pack built-in for hot-swapping
- Standard pack:10.8V, 4540mAh
- Extended pack:10.8V, 9080mAh (TBD)

### I/O Interface

- USB 3.0 type A x 1, RS-232 x 1, Micro SD x 1
- LAN (RJ45 gigabit) x 1, Micro SIM x 1, Micro HDMI x 1
- Audio jack for stereo headphone & microphone x 1
- Pass-through connector x 2
- 12-pin docking connector x 1

### Power Adapter

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

### Dimensions and Weight

- 28 x 19.5 x 2.3 cm (11" x 7.7" x 0.9")
- 2.65 lbs (1.2kg)

### Rugged Features

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

### Environment

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

### Security

- Embedded TPM module
- FIPS-140 by request

