



PM-522

10.4" Fully Rugged Windows Pad



Functionality and durability. A powerful combination.

- IP65, MIL-STD-810G, 6 feet drop resistance
- Sunlight readable display
- 10-point capacitive multi-touch screen
- 802.11 ac, optional 3.5G or 4G LTE
- NFC/GNSS built-in
- Up to 9 hours of battery life
- A number of snap-on modules for data capture
- Windows 10, Windows 8 and Windows 7 support
- Compact vehicle dock with wide range voltage power

I/O Diagram



Specification

CPU

- Intel® Dual Core Atom E3827 1.75GHz (Bay Trail)

Memory

- 4GB DDR3L

Storage

- 64GB mSATA SSD (option 128GB/256GB)

Display

- 10.4-inch 1024 x 768 XGA
- 700 nits sunlight readable, 10-point capacitive touch

RF

- Optional 3.5G or 4G LTE
- Wi-Fi 802.11 ac/a/b/g/n
- Bluetooth V4.0
- GNSS (GPS/GLONASS/BeiDou by request)

Data Collection

- 2MP front camera
- 5MP rear camera with auto focus and LED flash
- NFC
- Magnetic stripe reader (snap-on, option)
- 1D/2D barcode reader (snap-on, option)
- Smart card reader-CAC + GNSS (snap-on, option)

Control Button

- Power, lock, RF setting, Windows button
- Programmable button x 2

Security

- TPM 1.2 (option)

Sensor

- Gyroscope, G-sensor, E-compass, light sensor

Power Adapter

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

Battery

- Internal : 3800mAh, 7.4V, non-swappable
- External (option) : 4200mAh, 7.4V, hot-swappable

I/O Interface

- USB 3.0 x 1 type A, USB 2.0 type A x 1
- Micro SIM slot x 1
- Audio Jack (headphone/microphone combo) x 1
- Ethernet (via Mini USB to RJ-45 adapter) x 1
- 32-pin docking connector x 1
- Speaker & microphone x 1

Dimensions and Weight

- 27.5 x 20.4 x 2.7 cm (10.8" x 8" x 1.1")
- 1.3kg (2.87 lbs)

Certifications

- CE, FCC, CB

Operating System (option)

- Windows 10 IoT Enterprise 2015 LTSC for Tablets
- Windows Embedded 8.1 Industry 64-bit
- Windows Embedded Standard 7 64-bit
- Windows 7 Professional 64-bit
- Windows Embedded Standard 8 64-bit

Rugged Features

- IP65, MIL-STD-810G, shock & vibration, 6 feet drop

Environment

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

In-box Accessories

- Stylus
- Hand strap
- Shoulder strap
- Ethernet adapter
- Power adapter

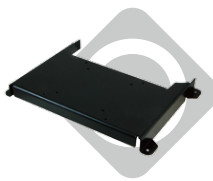
Peripherals



Desktop Dock



Vehicle Dock



VESA Bracket



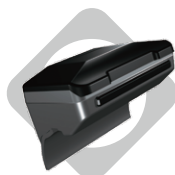
Battery Charger



External Battery



Barcode Reader



Smart Card Reader(CAC)
+ GPS



MSR



Car Adapter