REXTORM PM-521

Windows 7
Windows 8
**Rextorm PM - 521**

10.1" Fully Rugged Windows Tablet

**Performance & Battery Life, Perfectly Balanced**

- Intel® Atom™ processor E3827 1.75GHz
- IP65, MIL-STD-810G, 5 feet drop resistance
- 1000 nits sunlight readable display
- Capacitive multi-touch supports glove touch, water rejection, palm rejection, 2mm hard tip stylus
- Optional Janus USB Ignition Key, Phoenix SecureWipe
- GNSS, Wi-Fi, Bluetooth, optional 4G LTE
- Hot swappable battery design
- Wide expansion design for data capture
- Dual pass-through connector for WLAN, GNSS, WWAN

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**I/O Diagram**
Specifications

Operating System
- Windows 10 IoT Enterprise 2015 LTSB for Tablets
- Windows Embedded 8.1 Industry 64-bit
- Windows Embedded Standard 8 64-bit
- Windows 7 Professional 64-bit
- Windows Embedded Standard 7 64-bit
- Android 4.4 (by request)

CPU
- Intel® Atom™ E3827 processor 1.75GHz

Storage & Memory
- 128GB mSATA SSD, expandable to 256GB
- 32GB mSATA SSD (PM-S521 Android only)
- 4GB DDR3L (8GB by request)

Display
- 10.1-inch 1920 x 1200 WUXGA; 1000 nits sunlight readable
- 10-point capacitive touch supports glove touch, water rejection, palm rejection, 2mm hard tip stylus
- Gorilla Glass3 Digitizer by request

Communications
- Wi-Fi 802.11 a/b/g/n/ac Bluetooth V4.0 + EDR
- Optional 4G LTE
- GNSS (GPS / Glonass / BeiDou)
- Optional built-in NFC

Camera
- 2MP front camera
- SMP rear camera, AF with LED flash

Expansion
- Optional built-in 2D barcode reader
- Optional NFC + Smart Card reader (CAC) 2-in-1 module

Security
- Optional Janus USB Ignition Key, Phoenix SecureWipe
- TPM 1.2

Control Button
- Programmable button x 3
- Barcode trigger x 1
- Power, volume, Windows button

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

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

Battery
- Standard: 4500 mAh, 10.8V, hot swappable
  * Battery operation*: 6 hours
- Extended: 9000mAh, 10.8V, hot swappable (option)
  * Battery operation*: 12 hours

I/O interface
- USB 3.0 type A x 1, USB 2.0 type A x 1
- Gigabit ethernet (RJ45) x 1
- RS-232 x 1 (optional for USB 2.0 type A)
- Audio jack (headphone/microphone combo) x1
- RF pass-through connector x 2 for WLAN, GNSS, WWAN
- 12-pin docking connector x1
- Micro SD slot x 1, Micro SIM slot x 1, Micro HDMI x 1
- DC-in

Dimensions and Weight
- 28 x 19.5 x 2.3 cm (11” x 7.7” x 0.9”)
- 1.63 kg (2.93 lbs)

Rugged Features
- IP65, MIL-STD-810G, shock & vibration, 5 feet drop

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

Certification
- CE, FCC, CB

Software
- DashON

In-box Accessories
- Pen
- Hand strap
- Shoulder strap
- Handle
- Power adapter

Peripherals

Vehicle Dock
Desktop Dock
VESA Mount Bracket
NFC + Smart Card Reader (CAC)
2-bay Battery Charger
4500 mAh Battery

9000 mAh Battery
Vehicle Charger