



# RuggON PM-521 Rugged Tablet PC

## PRODUCT SPECIFICATIONS

### DURABILITY

- MIL-STD-810G Tested, 5' Drop, Shock, Vibration, Altitude
- IP65 Tested

### PROCESSOR

- Intel® Atom™ processor E3827 1.75GHz

### OPERATING SYSTEM

- Windows 10, Windows 8, Windows 7
- Android 4.4 (Optional)

### DISPLAY

- 10.1" Capacitive Touch supports digitizer, glove touch, water rejection, palm rejection, 2mm hard tip stylus
- 1000 nits Sunlight Readable Display
- High-Resolution WUXGA (1920x1200)
- Gorilla Glass3
- Optional Digitizer

### STORAGE & MEMORY

- 4GB DDR3L (8GB Optional)
- 128GB mSATA SSD (Optional 256GB)

### BATTERY

- Standard 4500mAh, hot swappable; battery operation ~ 6 hours
- Extended (option) 9000mAh, 10.8V hot swappable; battery operation ~ 13 hours

### INTEGRATED COMMUNICATIONS

- Wireless LAN: 802.11 a/b/g/n/ac
- Broadband: 3.5G or 4G LTE (Optional)
- Bluetooth® 4.0
- GNSS (GPS/GLONASS/BeiDou)
- Gyroscope, E-compass, G-sensor, Light sensor
- Optional built-in 2D Barcode Reader
- Optional NFC + Smart Card Reader-CAC 2-in-1 Module
- Optional Magnetic Stripe Reader

### I/O INTERFACES

- USB 3.0 type A (1)
- USB 2.0 type A (1)
- Gigabit Ethernet (RJ-45) (1); RS-232 (1)
- Micro SD slot (1), Micro SIM slot (1), Micro HDMI (1)
- Audio Jack (1)
- Speaker & Microphone
- Dual RF pass-through connector for WLAN, GNSS, WWAN
- 12-pin Docking Connector (1)

### CAMERA

- 5MP Rear Camera w/ Auto Focus & LED Flash
- 2MP Front Camera

### SECURITY

- Optional Janus USB Ignition Key, Phoenix SecureWipe
- Integrated Trusted Platform Module - TPM 2.0

## ENVIRONMENTAL

- Tested to MIL-STD-810G Standards
- Operating Temperature : -20 °C to 50 °C (-4 °F to 122 °F)
- 5-95% Non-Condensing
- Drop: MIL-STD-810G Method 516.6 Procedure IV, 26 5-foot drops onto plywood
- Shock: Est: MIL-STD-810G, Method 516.6, Procedure I, 40g, 11ms operation
- Humidity: MIL-STD-810G Method 507.5 Humidity Procedure II Aggravated Cycles (Fig 507.5-7), 5 to 95% non-condensing
- Thermal shock: Est: MIL-STD-810G, Method 503.5, Procedure I
- Vibration: MIL-STD-810G Method 514.6 Category 4, Fig 514.6C-1, Fig 514.6C-2, Fig 514.6C-3
- Altitude: Est: MIL-STD-810G, Method 500.5, Procedures I & II

## DIMENSIONS/WEIGHT

- 28 x 19.5 x 2.3cm (11" x 7.7" x 0.9")
- 1.3 kg (2.9 lbs)

## COLOR OPTIONS

- Red
- Black

## CERTIFICATIONS

- CE, FCC, CB



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