Rextorm
Take Experience to the Next Level

RUGGON
Exceptional Viewing Experience

Rextorm, 10.1” fully-rugged tablet with 1000 nits brightness sunlight readable display, is combined with high-resolution WUXGA (1920x1200), optical bonding technology and hyper dimming option to adapt different ambient-light conditions, while increasing viewing performance with attention to detail.

Beyond the Touch

Integrated with advanced touch technology, Rextorm can avoid unintended touches including hand palm, water mist and rain drops, while ensuring correct data and command input. Paired with IP54 digitizer pen or 2mm hard tip stylus, Rextorm ensures accurate touchscreen interaction and sensible writing experience. Incorporated with Gorilla Glass and glove touch function, the Rextorm provides maximum benefit for mobile worker to protect their valuable data and fulfill field needs.

A Perfect Link @ Anytime, Anywhere

Equipped with the latest and complete communication technology, mobile workers can experience precise positioning, faster processing, broader coverage and more stable data transfer even around buildings or trees. For in-vehicle usage, the seamless connection is enhanced through switchable dual pass-through connector.
Ready for Diverse Applications

The Rextorm tablet takes no compromise on ruggedness along with a wealth of I/O ports and expansion options to meet various requirements of different applications. The integrated 2D barcode reader with optional OCR capabilities allow for easy, barcode, ID, and passport scanning, while snap-on connector is easy to customize.

Long-Lasting Power, Reaffirmed

Always on rugged design, Rextorm models are equipped with hot-swappable battery, aimed for long duration task. Thanks to optimizing system design and fast charging function, the new generation offers near indefinite capacity to avoid downtime in crucial moment. For extreme power savings, ECO mode enabled by RuggON’s DashON app can extend the battery life even further.

Enhanced Security Perimeters

Besides the supported TPM 2.0, we offer a customized one button push function to quickly erase SSD data during emergencies by leveraging Phoenix’s SecureWipe technology and implementing a number of global standard algorithms.

Rextorm is also equipped with Janus USB ignition key, which is the only security solution in the market that combines BIOS, cloud services and physical USB key all working together to authenticate users.

DashON - Click to Activate

The Rextorm tablet can be easily managed and configured by RuggON’s DashON App. Apart from the core tablet settings, DashON features ECO mode for power saving functionality, touch screen lock for preventing unintended touch, button setting for programmable function buttons, and pass-through switch for the selection of dual RF-antenna. The CamON function can check GPS positioning status and stamp geographical information in image files.
### Specifications

#### PX501
- **System**
  - Intel® Core™ i5-7300U vPro™ 2.6GHz
  - 8GB DDR4 SDRAM
  - 128GB M.2 SSD
  - OS supports Windows 10 IoT Enterprise
- **Display**
  - 10.1" WUXGA (1920 x 1200), Gorilla Glass
  - 1000 nits brightness (before touch)
  - 10-point capacitive touch supports glove touch, water rejection, palm rejection, 2mm hard tip stylus
  - Digitizer by request
- **Durability**
  - IP64 and MIL-STD-810G certified
  - Operating temperature: -20°C to +60°C
- **Communications**
  - Gigabit Ethernet (RJ45)
  - Wi-Fi 802.11 a/b/g/n/ac
  - Bluetooth V4.2
  - GNSS (GPS / GLONASS / BeiDou)
  - Optional 4G LTE
- **Camera**
  - 2MP front camera
  - BMP auto focus rear camera with LED flash
- **Expansion Option**
  - Built-in 2D barcode reader (OCR option)
  - NFC + Smart card reader 2-in-1 module
  - Snap-on connector easy for customization
- **I/O Interfaces**
  - USB 3.1 type A x 1, USB 3.1 type C x 1, RS-232 x 1
  - (option: USB 2.0 x 2, Micro SD slot x 1, audio headset jack x 1, Micro SIM slot x 1, Micro HDMI x 1, docking connector x 1, RF pass-through connector for WLAN / GNSS / WAVAN x 2)
- **Security**
  - TPM 2.0
  - Optional Janus USB Ignition Key, Phoenix SecureWipe
- **Battery**
  - Long battery life support with hot swap battery
  - Support fast charging
- **Software**
  - DashON

#### PK-501
- **System**
  - Gen I (PK-501): Intel® Core™ i5-4200U 1.6GHz
  - Gen II (PK-501-B): Intel® Core™ i5-5250U 1.6GHz
  - Gen I (PK-501): 8GB DDR3L
  - Gen II (PK-501-B): 8GB DDR3L, expandable to 2GB
  - OS supports Windows 10 IoT Enterprise
- **Display**
  - 10.1" WUXGA (1920 x 1200), Gorilla Glass
  - 1000 nits brightness (before touch)
  - 10-point capacitive touch supports glove touch, water rejection, palm rejection, 2mm hard tip stylus
  - Digitizer by request
- **Durability**
  - IP64 and MIL-STD-810G certified
  - Operating temperature: -20°C to +60°C
- **Communications**
  - Gigabit Ethernet (RJ45)
  - Wi-Fi 802.11 a/b/g/n/ac
  - Bluetooth V4.2 + EDR
  - GNSS (GPS / GLONASS / BeiDou)
  - Optional 4G LTE
- **Camera**
  - 2MP front camera
  - SMP / BMP (available w/Gen II only)
  - Auto focus rear camera with LED flash
- **Expansion Option**
  - Built-in 2D barcode reader
  - NFC + Smart Card reader 2-in-1 module
  - Snap-on connector easy for customization
- **I/O Interfaces**
  - USB 3.0 type A x 1, USB 2.0 x 1, RS-232 (option: USB 2.0 x 1, audio headset jack x 1, Micro SD slot x 1, Micro SIM slot x 1, Micro HDMI x 1, docking connector x 1, RF pass-through connector for WLAN / GNSS / WAVAN x 2)
- **Security**
  - TPM 1.2
  - Optional Janus USB Ignition Key, Phoenix SecureWipe
- **Battery**
  - Long battery life support with hot swap battery
- **Software**
  - DashON

#### PM-521
- **System**
  - Intel® Atom™ E3827 1.75 GHz
  - 4GB DDR3L, expandable to 8GB
  - 128GB M.2 SSD, expandable to 256GB
  - OS supports Windows 10 IoT Enterprise
- **Display**
  - 10.1" WUXGA (1920 x 1200), Gorilla Glass
  - 1000 nits brightness (before touch)
  - 10-point capacitive touch supports glove touch, water rejection, palm rejection, 2mm hard tip stylus
  - Digitizer by request
- **Durability**
  - IP64 and MIL-STD-810G certified
  - Operating temperature: -20°C to +50°C
- **Communications**
  - Gigabit Ethernet (RJ45)
  - Wi-Fi 802.11 a/b/g/n/ac
  - Bluetooth V4.2 + EDR
  - GNSS (GPS / GLONASS / BeiDou)
  - Optional 4G LTE
- **Camera**
  - 2MP front camera
  - SMP / BMP auto focus rear camera with LED flash
- **Expansion Option**
  - Built-in 2D barcode reader
  - NFC + Smart Card reader 2-in-1 module
  - Snap-on connector easy for customization
- **I/O Interfaces**
  - USB 3.0 type A x 1, USB 2.0 x 1, RS-232 (option USB 2.0 x 1, audio headset jack x 1, Micro SD slot x 1, Micro SIM slot x 1, Micro HDMI x 1, docking connector x 1, RF pass-through connector for WLAN / GNSS / WAVAN x 2)
- **Security**
  - TPM 1.2
  - Optional Janus USB Ignition Key, Phoenix SecureWipe
- **Battery**
  - Long battery life support with hot swap battery
- **Software**
  - DashON

#### Accessories
- Detachable Keyboard
- Vehicle Dock
- Desktop Dock
- Dual-bay Battery Charger
- 4500 mAh Battery
- 9000 mAh Battery

See website for more accessories.

www.ruggon.com e-mail: info@ruggon.com
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