Rextorm

Take Experience to the Next Level

IP65 MIL-STD-810G Digitizer 1000 nits 5'

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.
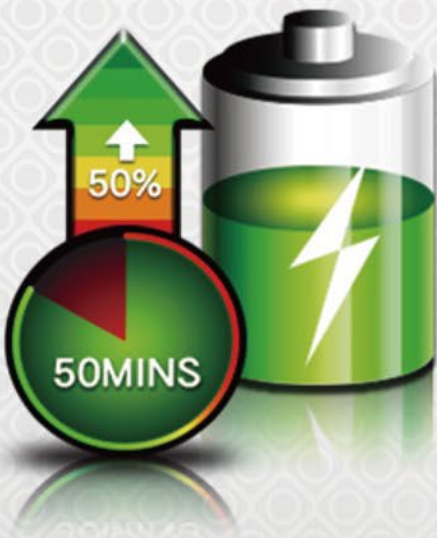
GNSS

WWAN

WLAN

Bluetooth

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

Taking no compromise on ruggedness, the Rextorm series comes with a wealth of I/O ports and expansion options to meet various requirements of different applications. The tablet's fingerprint function, smart card reader, and integrated 2D barcode reader with optional OCR capabilities allow for passport scanning and identity detection, while its snap-on connector is also 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.

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	PX-501 GEN II (PX-501B)	PM-521
System	◆ Intel® Core™ i5-7300U vPro™2.6GHz ◆ Intel® Core™ i5-8250U 1.6GHz ◆ 8GB DDR4 SDRAM, 16GB DDR4 SDRAM (By request) ◆ 128GB M.2 SSD, 256GB M.2 SSD (By request) ◆ OS supports Windows 10 IoT Enterprise	◆ Intel® Core™ i5-5350U 1.8GHz ◆ 8GB DDR3L ◆ 128GB mSATA SSD, expandable to 256GB ◆ OS supports Windows 10 IoT Enterprise	◆ Intel® Atom™ E3827 1.75 GHz ◆ 4GB DDR3L ◆ 128GB mSATA SSD, expandable to 256GB ◆ OS supports Windows 10 IoT Enterprise
Display	◆ 10.1" TFT LCD WUXGA (1920 x 1200), Gorilla Glass ◆ 1000 nits brightness with hyper dimming option ◆ 10-point capacitive touch supports glove touch, water rejection, palm rejection, 2mm hard tip stylus ◆ Optional digitizer with IP54 pen	◆ 10.1" TFT LCD WUXGA (1920 x 1200), Gorilla Glass ◆ 1000 nits brightness ◆ 10-point capacitive touch supports glove touch, water rejection, palm rejection, 2mm hard tip stylus ◆ Digitizer by request	◆ 10.1" TFT LCD WUXGA (1920 x 1200), Gorilla Glass ◆ 1000 nits brightness ◆ 10-point capacitive touch supports glove touch, water rejection, palm rejection, 2mm hard tip stylus ◆ Digitizer by request
Durability	◆ IP65 and MIL-STD-810G certified ◆ Vibration, shock and 5' drop resistance ◆ Operating temperature : -20° C to +60° C	◆ IP65 and MIL-STD-810G certified ◆ Vibration, shock and 5' drop resistance ◆ Operating temperature : -20° C to +60°	◆ IP65 and MIL-STD-810G certified ◆ Vibration, shock and 5' drop resistance ◆ Operating temperature : -20° C to +50° C
Communications	◆ Gigabit Ethernet (RJ45) ◆ Wi-Fi 802.11 a/b/g/n/ac ◆ Bluetooth V4.2 ◆ GNSS (GPS/ GLONASS/ BeiDou) ◆ Optional 4G LTE	◆ Gigabit Ethernet (RJ45) ◆ Wi-Fi 802.11 a/b/g/n/ac ◆ Bluetooth V4.0 + EDR ◆ GNSS (GPS / Glonass / BeiDou) ◆ Optional 4G LTE	◆ Gigabit Ethernet (RJ45) ◆ Wi-Fi 802.11 a/b/g/n/ac ◆ Bluetooth V4.0 + EDR ◆ GNSS (GPS / Glonass / BeiDou) ◆ Optional 4G LTE ◆ Optional built-in NFC
Camera	◆ 2MP front camera ◆ 8MP auto focus rear camera with LED flash	◆ 2MP front camera ◆ 8MP auto focus rear camera with LED flash	◆ 2MP front camera ◆ 5MP auto focus rear camera with LED flash
Expansion Option	◆ Built-in 2D barcode reader (OCR option) ◆ NFC + Smart Card reader 2-in-1 module ◆ Fingerprint reader, UHF RFID reader ◆ Snap-on connector easy for customization	◆ Built-in 2D barcode reader ◆ NFC + Smart Card reader 2-in-1 module ◆ Fingerprint reader, UHF RFID reader ◆ Snap-on connector easy for customization	◆ Built-in 2D barcode reader ◆ NFC + Smart Card reader 2-in-1 module ◆ Fingerprint reader, UHF RFID reader ◆ 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 or Micro SD slot), audio headset jack x 1, Micro SIM slot x 1, Micro HDMI x 1, docking connector x 1, optional RF pass-through connector for WLAN/ GNSS/ WWAN x 2	◆ USB 3.0 type A 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, WWAN x 2	◆ 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, WWAN x 2
Security	◆ TPM2.0 ◆ Phoenix SecureWipe by request	◆ TPM 2.0 ◆ Phoenix SecureWipe by request	◆ TPM 1.2 ◆ Phoenix SecureWipe by request
Battery	◆ Long battery life support with hot swap battery ◆ Support fast charging	◆ Long battery life support with hot swap battery	◆ Long battery life support with hot swap battery
Software	◆ DashON	◆ DashON	◆ DashON
Dimensions & Weight	◆ 28 x 19.5 x 2.3 cm, 1.36kg	◆ 28 x 19.5 x 2.3 cm, 1.36kg	◆ 28 x 19.5 x 2.3 cm, 1.33kg

Accessories & Peripherals

Detachable Keyboard

Vehicle Dock

Hard Handle

NFC + Smart Card Reader

Fingerprint Reader

UHF RFID Reader

4 Bay Battery Charger

See website for more accessories.

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