

Rextorm PX-501



System

- ◆ Gen I (PX-501) : Intel® Core™ i5-4300U 1.9GHz
Gen II (PX-501B): Intel® Core™ i5-5350U 1.8GHz
- ◆ Gen I : 4GB DDR3L, expandable to 8GB
Gen II : 8GB DDR3L
- ◆ 128GB mSATA SSD, expandable to 256GB
- ◆ OS supports Windows 10 IoT Enterprise

Display

- ◆ 10.1" WUXGA (1920 x 1200), 1000 nits brightness
- ◆ 10-point capacitive touch supports glove touch, water rejection, palm rejection, 2mm hard tip stylus
- ◆ Gorilla Glass; digitizer by request

Durability

- ◆ IP65, MIL-STD-810G (vibration & shock, 5' drop resistant)
- ◆ Operating temperature -20°C to 60°C

Communications

- ◆ Gigabit Ethernet (RJ45)
- ◆ Wi-Fi 802.11 a/b/g/n/ac
- ◆ Optional 4G LTE
- ◆ GNSS (GPS / Glonass / BeiDou)
- ◆ Bluetooth V4.0 + EDR

Camera

- ◆ Front 2MP, rear 5MP / 8MP (available with Gen II only) auto focus with LED flash

Expansion Option

- ◆ Built-in 2D barcode reader
- ◆ NFC + Smart Card reader_CAC 2-in-1 module

Interfaces

- ◆ RS-232 (option USB 2.0) x 1, USB 3.0 x 1, audio jack x 1, Micro SD slot x 1, Micro SIM slot x 1, Micro HDMI x1, docking connector x 1, RF pass-through connector for WLAN, GNSS, WWAN x 2

Security

- ◆ Gen I : TPM 1.2, Gen II : TP M 2.0
- ◆ Optional Janus USB Ignition Key, Phoenix Secure Wipe

Battery

- ◆ Long battery life support with hot-swappable battery

Rextorm PM-521



System

- ◆ Intel® Atom™ E3827 1.75GHz
- ◆ 4GB DDR3L, expandable to 8GB
- ◆ 128GB mSATA SSD, expandable to 256GB
- ◆ OS supports Windows 10 IoT Enterprise

Display

- ◆ 10.1" WUXGA (1920 x 1200), 1000 nits brightness
- ◆ 10-point capacitive touch supports glove touch, water rejection, palm rejection, 2mm hard tip stylus
- ◆ Gorilla Glass; digitizer by request

Durability

- ◆ IP65, MIL-STD-810G (vibration & shock, 5' feet drop resistant)
- ◆ Operating temperature -20°C to 50°C

Communications

- ◆ Gigabit Ethernet (RJ45)
- ◆ Wi-Fi 802.11 a/b/g/n/ac
- ◆ Optional 4G LTE
- ◆ GNSS (GPS / Glonass / BeiDou)
- ◆ Bluetooth V4.0 + EDR
- ◆ Optional built-in NFC

Camera

- ◆ Front 2MP, rear 5MP auto focus with LED flash

Expansion Option

- ◆ Built-in 2D barcode reader
- ◆ NFC + Smart Card reader_CAC 2-in-1 module

Interfaces

- ◆ RS-232 (option USB 2.0) x 1, USB 3.0 x 1, USB 2.0 x 1, audio 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

- ◆ TPM 1.2
- ◆ Optional Janus USB Ignition Key, Phoenix Secure Wipe

Battery

- ◆ Long battery life support with hot-swappable battery

Blaxtone PM-311B



System

- ◆ Intel® Celeron® N2930 1.83GHz
- ◆ 4GB DDR3L, expandable to 8GB
- ◆ 128GB / 256GB SSD, optional FIPS 140-2 certified SSD (64~256GB)
- ◆ OS supports Windows 10 IoT Enterprise, Windows Embedded 8

Display

- ◆ 7" WSVGA (1024 x 600); 850 nits brightness, optical bonding with AR/AF solution
- ◆ 10-point capacitive touch

Durability

- ◆ IP65, MIL-STD-810G (vibration & shock, 5' drop resistant)
- ◆ Operating temperature -20°C to 50°C

Communications

- ◆ Gigabit Ethernet (RJ45)
- ◆ Wi-Fi 802.11 a/b/g/n/ac
- ◆ Bluetooth V4.0 + EDR
- ◆ NFC
- ◆ GNSS (GPS, optional GLONASS or BeiDou)
- ◆ Optional 4G LTE

Camera

- ◆ Front 2MP, rear 8MP auto focus with LED flash

Expansion Option

- ◆ MRZ reader + MSR 2-in-1 module
- ◆ 2D barcode reader + MSR 2-in-1 module

Interfaces

- ◆ RS-232 x 1, USB 3.0 x 2, Micro SD slot x 1, Micro SIM slot x 1, audio jack x 1, docking connector x 1

Security

- ◆ TPM 2.0
- ◆ Optional Janus USB Ignition Key, Phoenix Secure Wipe
- ◆ Optional fingerprint reader (capacitive type, 508 dpi)

Battery

- ◆ Long battery life support with hot-swappable battery

Blaxtone PM-522



System

- ◆ Intel® Atom™ E3827 1.75GHz
- ◆ 4GB DDR3L
- ◆ 64GB mSATA SSD, expandable to 128GB / 256GB
- ◆ OS supports Windows 10 IoT Enterprise

Display

- ◆ 10.4" XGA (1024 x 768); 350 nits, optional 700 nits brightness
- ◆ 10-point capacitive touch

Durability

- ◆ IP65, MIL-STD-810G (vibration & shock, 6" drop resistant)
- ◆ Operating temperature -20°C to +50°C

Communications

- ◆ Gigabit Ethernet (via Mini USB to RJ45 adapter)
- ◆ Bluetooth V4.0 + EDR
- ◆ GNSS (GPS / GLONASS / BeiDou by request)
- ◆ Wi-Fi 802.11 a/b/g/n/ac
- ◆ Optional 4G LTE

Camera

- ◆ Front 2MP, rear 5MP auto focus with LED flash

Expansion Option

- ◆ Magnetic Stripe reader
- ◆ 2D barcode reader
- ◆ Smart Card reader_CAC + GNSS 2-in-1 module

Interfaces

- ◆ USB 3.0 x 1, USB 2.0 x 1, Micro SIM slot x 1, audio jack x 1, docking connector x 1

Security

- ◆ TPM 1.2

Battery

- ◆ Long battery life support with hot-swappable battery

VX-601



System

- ◆ Intel® Core™ i5-6300U 2.4GHz, optional Intel® Celeron® 3955U 2GHz
- ◆ 4GB DDR3L SODIMM, expandable to 32GB
- ◆ M.2 2280 SSD, SD slot
- ◆ Built-in 3-axis G-sensor, dual speaker

Display

- ◆ 12.1" XGA (1024 x 768); 700 nits / 1200 nits brightness support defroster and auto-dimming
- ◆ 5-wire resistive touch, PCT by request

Durability

- ◆ IEC 60529 IP66, MIL-STD-810G (vibration, shock & salt fog), IEC 60721-3-5 class 5M3
- ◆ Operating temperature : -30°C to 55°C

Communications

- ◆ Gigabit Ethernet (RJ45)
- ◆ Bluetooth V4.0 Class2
- ◆ Optional 4G LTE / GPRS / HSPA+
- ◆ Wi-Fi 802.11 a/b/g/n/ac
- ◆ Optional GNSS (GPS / QZSS or GLONASS)

Interfaces

- ◆ RS-232 with power supported x 1, RS-232/422/485 x 1, USB 3.0 / 2.0 x 1, USB 2.0 x 1, CAN bus (SAE J1939 / OBD II* supported) x 1, DI x 2 + DO x 2, audio headset jack x 1, optional video input x 4

Function Button

- ◆ Programmable button x 9, brightness adjustment x 2, volume adjustment x 2, display on/off x 1, optional defrost / defog button x 1

Power Management

- ◆ 9~60 VDC input
- ◆ Ignition sense with delay on/off setting
- ◆ Wake on RTC
- ◆ UPS backup battery

VM-521



System

- ◆ Intel® Atom™ E3845 1.91GHz, optional Intel® Atom™ E3827 1.75GHz
- ◆ 4GB DDR3L SODIMM, expandable to 8GB
- ◆ 2.5" SSD (64GB default), SD slot
- ◆ Built-in 3-axis G-sensor, dual speaker

Display

- ◆ 10.4" XGA (1024 x 768); 1000 nits brightness supports defroster
- ◆ 5-wire resistive touch

Durability

- ◆ IEC 60529 IP66, MIL-STD-810G (vibration, shock & salt fog)
- ◆ Operating temperature : -30° C to 55° C

Communications

- ◆ Dual Gigabit Ethernet (RJ45)
- ◆ Bluetooth V4.0 Class 2
- ◆ Optional 4G LTE / GPRS / HSPA+
- ◆ Wi-Fi 802.11 a/b/g/n/ac
- ◆ Optional GNSS (GPS / QZSS or GLONASS)

Interfaces

- ◆ RS-232 x 3 (COM1 with power supported), USB 2.0 x 2, DI x 4 + DO x 4, CAN bus (SAE J1939 / OBD II* supported), audio output jack, Line-in / MIC jack, optional video input x 4

Function Button

- ◆ Programmable button x1, brightness adjustment x 1, optional defrost / defog button x 1

Power Management

- ◆ 9~32 VDC input, optional 18~60 VDC
- ◆ Optional ignition sense
- ◆ Wake on RTC
- ◆ UPS backup battery

MT7000



System

- ◆ Intel® Atom™ E3815 1.46GHz, optional Intel® Atom™ E3826 1.46GHz
- ◆ 2GB DDR3L SODIMM
- ◆ mSATA SSD, Micro SD slot
- ◆ Built-in 3-axis G-sensor, dual speaker

Display

- ◆ 7" WSVGA (1024 x 600); 500 nits brightness support auto-dimming
- ◆ 10-point capacitive touch (PCT)

Durability

- ◆ IEC 60529 IP65 (except bottom side I/O), MIL-STD-810G (vibration, shock)
- ◆ Operating temperature : -30°C to 60°C

Communications

- ◆ Gigabit Ethernet (RJ45)
- ◆ Optional Wi-Fi 802.11 a/b/g/n/ac
- ◆ Optional Bluetooth V4.0 Class2
- ◆ NFC / RFID by request
- ◆ GNSS (GPS / QZSS or GLONASS or BeiDou), dead-reckoning support
- ◆ Optional 4G LTE / HSPA+ / GPRS

Interfaces

- ◆ RS-232 with power supported x 1, RS-232/422/485 x1, USB 3.0 x 1, USB 2.0 x 1, Micro SIM slot x 2, CAN bus (SAE J1939 supported), DI x 2 +DO x 2, audio headset jack x 1

Function Button

- ◆ Programmable button x 5, volume adjustment x 2, system on/off x1

Power Management

- ◆ 9~36 VDC input
- ◆ Vehicle power protection (ISO7637-2)
- ◆ Ignition sense with delay on/off setting
- ◆ Wake on RTC
- ◆ UPS backup battery

MT7010



System

- ◆ Quad Core Cortex-A7 1.1GHz / 1.3GHz
- ◆ 1GB / 2GB LPDDR2 SDRAM
- ◆ 8GB / 16GB eMMC and Micro SD slot
- ◆ Built-in 3-axis G-sensor, dual speaker

Display

- ◆ 7" WSVGA (1024 x 600); 500 nits brightness support auto-dimming
- ◆ 10-point capacitive touch (PCT)

Durability

- ◆ IEC 60529 IP65 (except bottom side I/O), MIL-STD-810G (vibration, shock)
- ◆ Operating temperature : -20°C to 60°C

Communications

- ◆ Gigabit Ethernet (RJ45)
- ◆ Wi-Fi 802.11 a/b/g/n
- ◆ Bluetooth V4.1
- ◆ GNSS (GPS / GLONASS / BeiDou)
- ◆ 4G LTE / HSPA+ / GPRS

Interfaces

- ◆ RS-232 with power supported x 1, RS-232/422/485 x 1, USB 2.0 x 2, Micro SIM slot x 2, CAN bus (SAE J1939 supported), DI x 2 + DO x 2, audio headset jack x 1

Function Button

- ◆ Programmable button x 5, volume adjustment x 2, system on/off x 1

Power Management

- ◆ 9~36 VDC input
- ◆ Vehicle power protection (ISO7637-2)
- ◆ Ignition sense with delay on/off setting
- ◆ UPS backup battery

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FIELDWORKS

Fieldworks Direct BV
Veemarktkade 8
NL-5222 AE 's-Hertogbosch

e-mail: info@fieldworks.nl
tel. +31(0) 73 624 1111
fax +31(0) 73 624 1112

www.fieldworks.nl

* By request