RECON

The toughest there is

Recon X-Series delivers maximum performance and reliability in a lightweight and extremely rugged design. The Recon weighs just 490 grams and exceeds rigorous military standard for drops, vibration, humidity and altitude. With its IP67 rating it is dust and waterproof and it also operates in extreme temperatures from –30°C to 60°C.

With optional integrated Bluetooth the Recon can easily connect to peripheral devices. The 802.11g wireless gives you access to local area network, e-mail and the Internet. The Recon features built-in microphone and speaker and has a transflective color touchscreen that works perfectly even in direct sunlight or in low light conditions. Two protected CompactFlash slots supports accessories such as GPS, GPRS, RFID, barcode scanners and other devices, all with the IP67 rating intact.

The Recon features a high-performance 200 MHz or 400 MHz Intel XScale processor and 64 MB of RAM. To protect data from resets or power loss the Recon offers high-performance persistent NAND Flash storage, from 128 MB to 256 MB. Microsofts versatile Windows Mobile 6 operating system runs all the applications you use most, including calendar, e-mail and mobile versions of Word, Excel and PowerPoint. The PowerBoot module integrates a 3800 mAh battery pack with industry standard 9-pin serial and USB ports into a single component, easily replaceable in field. The Recons innovative modular design saves time and money and provides customization options to suit your specific applications.

www.ruggedrecon.com

Size	165mm x 95mm x 45mm
Weight	490 g
Environment	
Operating:	-30°C to 60°C
Storage:	-40°C to 70°C
Drop:	MIL-STD-810F, Method 516.5, Procedure IV 26 drops from 1.22 m 6 additional drops at -30°C 6 additional drops at 60°C
Sand & Dust:	IP67, MIL-STD-810F, Method 510.4, Procedure I
Water:	IP67 Sealed against accidental immersion (1 m for 30 min) MIL-STD-810F, Method 512.4, Procedure I
Humidity:	MIL-STD-810F, Method 507.4
Altitude:	15.000 ft (4572 m) at +23°C, MIL-STD-810F, Method 500.4, Procedures I, II and III,
Vibration:	MIL-STD-810F, Method 514.5 Procedures I, Figures 17 and 18
Processor/memory	Intel PXA 255 Xscale CPU, 200 MHz (Recon 200X) 400 MHz (Recon 400X), 64 MB high-speed SDRAM ~22 MB reserved for OS
Disk	Onboard non-volatile NAND Flash 128 MB (200X), 256 MB (400 X), ~31 MB reserved for OS
Operating System	Microsoft Windows Mobile 6 (Premium edition)
Screen	240 x 320 pixel (1/4 VGA) color TFT with LED front light
Keyboard	10 Keys, onscreen qwerty soft keyboard
Battery	3800 mAh NiMH rechargeable pack, allowing for 12-30h operating time depending on usage
Connections	1 x Standard 9-pin (male) D-shell RS-232 serial, 1 x USB 1.1 port client 1 x 5V Charging, 2 x CF-Card slots, one type I and one type II slot
Communication	WAN: GPRS CF-Card WLAN: Integrated 802.11g* PAN: Integrated Bluetooth* Integrated speaker & Microphone **Optional*
Options	• 12V Vehicle charger • Vehicle Cradle • Bt CF-Card • Wlan CF-Card • GPS CF-Card • GPRS CF-Card • RFID Kit 13.56 MHz • RFID Kit 125 KHz • Fingerprint reader • Barcode Imager kit • CF-Caps • Pole brackets • Desktop Cradle • Powerboot module for AA batteries • Carrying Cases • Belt Carrier

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