



For when the going gets beyond tough

Series 5 'RPDA 5' Rugged Personal Data Assistants with 4" LCDs



Base Models

Industrial/Commercial grade:
RPDA 5-I 4" VGA LCD

Military/Defence grade:
Openfire RPDA 5-M 4" VGA LCD

Key Features

- 4" VGA (480x640) resolution, daylight readable touch screen LCDs
- Win Mobile 5 operating system, or optional CE.net 5
- Modular design with removable sealed battery; plus capacity to upgrade to enhanced connectivity options, including GSM/GPRS, NextG, WiFi & Bluetooth; plus double thickness, longer life battery
- Exceeds MIL-STD 810F for durability, shock & impact resistance
- MIL-spec models exceed MIL-STD 461E emission requirements

The Series 5 Intel Bulverde PXA270 powered RPDA 5-I (Industrial/Commercial grade) and Openfire RPDA 5-M (Mil-spec grade) range of rugged personal data assistants offer the largest, full VGA touch screen, in the most rugged housing, on the market.

Available with either Windows Mobile 5 or Win CE.net 5 operating systems, and with optional embedded GSM/GPRS phone modules, the RPDA features large programmable hotkeys and a joystick-style navigation pad, plus both an SD and a Type II PCMCIA slot, as well as two USB ports (host and sync), a serial port and an earphone jack, making it amazingly flexible. With options such as flip-up screen protector, a desktop docking station, and longer life double-thickness batteries, it's a true workhorse.

Weighing in at under 500 grams, these units exceed MIL-STD-810F standards and IP-66 (for non-GPRS models), or IP54 (for GPRS models) ratings (see our website for further explanations of what this means).

With variants including a fully embedded biometrics system (offering fingerprint/latent fingerprint, iris and facial scanning and recognition), rifle targetting system and brainwave activity monitor, the RPDA is a high-value-add tool for applications as diverse as field maintenance, perimeter/border patrols or mobile healthcare.



Rugged Magnesium Alloy Chassis



PCMCIA Type II Slot



Programmable Hotkeys



Desktop Docking Station/Charger



SD Card Slot

Specifications ('-I' & '-M' models)

Product in brief	Rugged MIL-Std 810F compliant PDA with 4" VGA daylight readable touch screen LCD; removable primary battery; double sealed ports; includes 240VAC and vehicle chargers		
Environmental, Safety & EMC	IP-66 rated (non- GSM phone) or IP-54 rated (GSM phone enabled modls), MIL-STD-810F compliant; -20°C~50°C operating range; ACA, CE, FCC compliant		
CPU Type/Speed	Intel Bulverde PXA270 624MHz CPU; 128 Mb RAM; 128Mb ROM	Operating System	Windows Mobile 5; optional Win CE.net 5
Options & Accessories	- Flip-up LCD protector - Desktop docking station/battery charger	- Secondary battery - GPS & Connectivity options, as below - Hard or soft carry case	- Embedded biometrics - Embedded medical diagnostics
RAM Type/Capacity	128Mb RAM / 128 Mb ROM		
Dimensions (HxWxD)mm	170 x 140 x 112	Weight incl Batt & HDD	470 grams
Screen Type	4" VGA daylight readable with integrated touch screen overlay		
Screen Type & Resolution, WxH (Pixels)	VGA, 480x640	Graphics/Screen driver	Nvidia 4800
Chassis construction	Magnesium alloy	Chassis colour	Black (-I models); NATO Green (-M models only)
Magnetic Drive Type/Capacities	Removable SD flash memory card and Type II PCMCIA slots; accept additional add-on flash memory cards		
Battery pack	Removable Lithium Ion type; optional double thickness, longer life battery		
Vehicle Power Adapter	12~32V	Mains Power Adapter	90~240VAC 50/60Hz
External I/Os (ports)	1 x Serial (DB9 RS-232) 1 x USB (1 x Host, 1 x Mini Client) 1 x PCMCIA Type II	1 x SDIO 1 x Ext Mic/Earphone Jack	1 x DC Power In 1 x Docking Connector
Keys/Keypad	6 water-resistant, programmable function keys; LCD brightness controls	Audio	Integrated stereo speakers
Docking Station	Port expander with battery charger, LAN port & USB ports; optional vehicle mounting systems	Additional Internal I/Os	N/A
Optional Connectivity	WLAN 802.11 b/g Bluetooth	GSM/GPRS/EDGE Next-G (UMTS/HSDPA)	GPS

Specifications ('-M' models)

Additional standard features	MIL-STD 461E compliant ultra-low EMC electronics (EW rated)
Mil-spec options	N/A