

**Industrial  
Computing**

**Guardian™  
Military PDA**



## **Guardian™ Model 37 Military Personal Digital Assistant**

The Guardian™ Model 37 Military PDA provides a full range of computing functions in a rugged package that meets many MIL-STD 810F and MIL-STD 461F specifications including shock, vibration and electromagnetic interference. The Guardian Military PDA is built to take multiple five-foot drops onto concrete, is waterproof/sealed to an IP-67 rating and is offered with Windows Mobile 6.1 or Windows CE 5.0. The 3.7" transfective screen with resistive touch screen is available in VGA and QVGA models and a full range of I/O is available including USB, RS232/422/485, RJ-45, CF, Stereo, Microphone, and DC power. Communications capabilities include Bluetooth, WLAN, GPS, and GSM/GPRS/3G/3.5G, and the powerful battery allows a full eight hours of usage before requiring recharging.

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260 Bear Hill Road  
Waltham, MA 02451

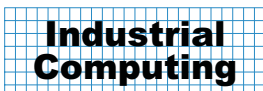
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# Guardian™

## Military PDA

SPECIFICATIONS	
Operating System:	Windows Mobile 6.1/Windows CE 5.0
CPU:	Intel PXA270 624MHz
Memory:	256MB SDRAM on board 256MB (standard) up to 1BG Flash ROM on board
Display:	3.7" transfective TFT LCD, VGA resolution (640 X 480) 3.7" transfective TFT LCD, QVGA resolution (320 X 240) (optional)
Touch Screen:	4-wire Resistive touch screen
Audio System:	AC-97, international microphone and one speaker (stereo supported via earphone jack)
Application Buttons:	One power on/suspend button One software reset switch Navigation Key+ Function Key (4 function keys in front) One HW reset key located under the battery
Communication:	802.11b/g WLAN module built-in with integral antenna Bluetooth class 2, v1.2 built-in with integral antenna SirF III GPS receiver & antenna built in GSM/GPRS/3G/3.5G internal module (GPRS for data transmission only)
Status Indicator:	Power LED (Two color LED x1) (at right side)
I/O Ports:	Two USB type A connectors, USB1.1 Host One USB mini type B connector, USB1.1 Slave One RS-232 (full) One RJ-45 for 10/100 Ethernet One CF slot One Stereo Headphone Jack One Microphone Jack One DC-In connector
Main Battery:	Rechargeable Li-ion Smart Battery, 7.4V, 1880mAh
Power Adapter:	Universal AC 90V ~ 265V, 47 ~ 63Hz input; 12V, 3.5A output
Physical Dimensions:	145mm X 96mm X 42mm
Environment:	Operating Temperature: -20 to +60°C Storage Temperature: -40 to +70°C Charging Temperature: 0 to +50°C Operating Humidity: 5% ~ 95% non-condensing
Rugged Specification:	IP67, 5 feet drop to concrete, MIL-STD-810F, MIL-STD461F

Specifications subject to change without notice.



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