



Guardian Rugged Handheld Data Terminal



Guardian 135 Rugged Handheld Data Terminal

The Guardian 135 is a military grade (MIL-STD-810F) ultra-rugged handheld data terminal. It combines the Windows CE 5.0 OS and Intel's high performance RISC CPU PXA270 to create a powerful handheld data collection computer. Wireless connectivity both by 802.11b/g WLAN and Bluetooth let you connect to your main computer without cables. With included PCMCIA and SD slots, you can increase data storage and add a variety of accessories, such as a GPS card, GPRS card, or RFID Card. With the optional bar-code scanner for data capture, the Guardian 135 is very suitable for supply chain management applications and many others. Tested and rated IP67, it is impervious to dust, dirt and moisture. Tested and rated to withstand a 5 foot (1.5m) drop to concrete, it will withstand the most demanding of environments.

Rave Computer

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Integrated Solutions from Design to Delivery

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SPECIFICATIONS	
Operating System:	Windows CE 5.0
Processor:	Intel PXA270 624MHz
Memory:	128MB SDRAM on board 128MB Flash ROM on board
Display:	3.5" transfective TFT LCD, QVGA resolution (240 X 320) 3.5" transfective TFT LCD, VGA resolution (640 X 480) (option)
Touch Panel:	Resistive touch panel
Audio System:	AC-97, One speaker (stereo supported via earphone jack)
Application Buttons:	1 x power on/suspend button Navigation Key+ Function Key + Numeric Key (Total 28 keys) 2 x Barcode scan button (Left & right lateral side) 1 x software reset switch (back side)
Communication:	802.11b/g WLAN module built-in with integral antenna Bluetooth class 2, v1.2 built-in with integral antenna
Data Capture:	Optional factory built-in 617nm LED bar code scanner engine, supporting 1D and 2D stack (PDF417) decoding Optional RFID reader (using CF interface)
External I/O Interfaces:	One USB type A connectors, USB1.1 Host One USB mini type B connector, USB1.1 Slave One RS-232 (full) port One Stereo Headphone Jack One Microphone Jack One SD Slot One PCMCIA Slot type II One Cradle Connector (USB host x 1, USB slave x 1, RS232 x 1(full), DC)
Main Battery:	Rechargeable Li-ion Battery Pack, 7.4V, 1900mAh (1P2S)
Power Adapter:	Universal AC 100V - 240V, 50-60Hz input; 12VDC, 3.5A output
Physical:	8 1/4" X 4" X 1 11/16" (210mm X 100mm X 43mm), 17 oz. (485g)
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:	IP66/67, 5 feet drop to concrete, MIL-STD-810F
Certification:	CE, FCC, cUL/UL, TUV, CB, CCC
Accessories:	One AC-Adapter & power cord Stylus Cradle (One LED ,One DC-in jack, USB type B x 1, two USB Type A connectors, one RS232/422/485, one pad connector) Sleeve with hand strap & shoulder strap (Optional) Battery charging station (Optional) Gun Handle (Optional) Single slot cradle (Optional) Vehicle cradle (Optional)

Due to our constant effort to improve products, Industrial Computing Inc. reserves the right to change or modify features and specifications without notice.

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