



Ruggedized Handheld PC

Product Specifications

The Next Generation in Portable Computing

PROCESSOR

- 400 MHz PXA255 Xscale™ RISC processor
- Advanced level of integration
- Industry standard ARM instruction set
- Multimedia capabilities
- Superior power/performance ratio
- Windows® CE.NET operating system

MEMORY

- 32 Mbytes FLASH memory
- 64 Mbytes of SDRAM

USER INTERFACE

- 6.4" active matrix (TFT) full color VGA display
- (640 x 480 x 64K colors)
- Integrated touch screen
- Hula point mouse
- Speaker
- Touch pen
- Software keyboard

PERIPHERALS

- 2 Type II PCMCIA slots (5 or 3.3 Volt)
- GPS internal subsystem (option) - provides complete position, velocity, and time (PVT)
 - Low power: 133mW (including active antenna)
 - L1 (1575.42 MHz) frequency
 - Antenna short-circuit detection and protection
 - Accuracy: horizontal: <6 meters (50%), <9 meters (90%), altitude: <11 meters (50%), <18 meters, (90%), velocity: 0.06 m/sec, PPS: ±95 nanoseconds
 - Acquisition: reacquisition: <2 sec. (90%)
- Contact memory button reader (option)
 - USB interface
 - Reads button memory devices up to 64KB
 - Contact memory button for asset tracking, inspection, maintenance, and configuration management

COMMUNICATION INTERFACES

- 2 USB ports (1 Master, 1 Slave)
- 1 serial RS-232 port (option)
- Bluetooth LAN (internal option – uses serial port)

MECHANICAL

- Super strong lightweight magnesium housing with thermal plastic rubber (TPR) covering
- Meets environmental requirements of MIL-STD-810F
- External connectors meet IP68 requirements

SECURITY FEATURES

- User password
- Fingerprint sensor (option)
 - Capacitive sensor technology
 - 256 x 300 pixel array
 - 500 dots per inch resolution
 - Ultra hard protective coating
 - Automatic finger detection circuit saves power: sleep/wake operation
 - Programmable gain control for image optimization

DIMENSIONS & WEIGHT

- 8.5" x 7.5" x 2", less than 3.5 Lbs.

POWER SUPPLY

- Two 5.5-aHr lithium batteries



Product specifications and descriptions in this document are subject to change without notice.

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