RHINO™

RUGGED VEHICLE MOUNTED COMPUTER

The Rhino™ vehicle mounted computers set the standard for ruggedness in the warehouse. A cast aluminum IP65-sealed case provides for dry and/or humid environments. Easy to install because there are no covers, gaskets or special cables required for installation. A dedicated extended temperature model is available for very cold environments.

WAREHOUSE MANAGEMENT

Tailored for warehouse management, the Rhino mobile computer increases productivity through reduced errors during receiving, put-away, picking and shipping activities. Adding a handheld bar code scanner allows for quick data entry and location confirmations.

VERSATILITY

The Rhino mobile computer is equipped with a 10V - 60V internal isolated power supply, integrated power loss detection and battery backup for protection against data loss, so there is no need for an external pre-regulator thereby reduces costs and facilitating the ease of installation. The Rhino mobile computer fits different mounting and space constraints. Mounting options include support for the vehicle mounted computer and ABCD or QWERTY external keyboards. A dedicated software keyboard, available in a multitude of layouts and languages, adapts the Rhino to a minimum footprint and global enterprises.

OPERATING SYSTEM AND UTILITIES

The Rhino Windows CE 6.0 R3 operating system and X scale processor leverage the existing investment in mobile computing applications. Also included are the Datalogic Utilities and Wavelink Powered programs, allowing the Rhino mobile computer to maximize the return-on-investment through easy deployment, device management and maintenance customized.

FEATURES

- Microsoft Windows Embedded CE 6.0 R3 operating system
- Large high visibility color graphics display
- Integrated anti-glare touch screen
- WLAN: IEEE 802.11 b/g, CCX v4
- Meets IP65 protection class
- Wide operating temperature range -30°C to 60°C
- Tethered and cordless bar code scanning support
- External ABCD, QWERTY and software keyboard options
- Wavelink Powered™ with pre-installed and pre-licensed Wavelink® Avalanche™ and Terminal Emulation
- EASEOF CARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRY-APPLICATIONS

- Warehouse Management:
  - Inventory
  - Picking
  - Shipping/receiving
  - Put away
  - Cross docking
  - Cold storage and harsh outdoor
  - Manufacturing Shop Floor

The Rhino vehicle mount mobile computer is available with internal or external antenna models.
**TECHNICAL SPECIFICATIONS**

**WIRELESS COMMUNICATIONS**
- **PERSONAL AREA NETWORK (WPAN)**: Bluetooth® v.2.0 dongle certified with Datalogic’s PowerScan™ 8000 Series
- **LOCAL AREA NETWORK (WLAN)**: IEEE 802.11b/g CF Card WiFi and Cisco CCXv4 certified

**ELECTRICAL**
- **POWER SUPPLY**: 10V-60VDC internal fully isolated power supply, internal backup battery for power loss prevention with data and real time clock backup

**ENVIRONMENTAL**
- **TEMPERATURE**: Operating: -10 to 50 ºC / 14 to 122 ºF; Start up as low as: 0 °C / 32 °F
- **Transmission**: -30 to 60 ºC / -22 to 140 ºF; Extended temperature model: Start up as low as: -20 ºC / -4 ºF
- **Humidity**: 0% to 95% non-condensing

**SHOCK/VIBRATION**
- MIL-STD 810F

**PARTICULATE AND WATER SEALING**
- IP65

**INTERFACES**
- **2 x RS-232 serial port (DB9)**, with selectable power (5V or 12V up to 1 amp maximum) to supply an external handheld reader;
- **2 x USB HOST ports**: External keyboard/ mouse via USB port
- Optional Ethernet Port 10/100 Mb

**PHYSICAL CHARACTERISTICS**
- **DIMENSIONS**: 27.2 x 23.3 x 5.0 cm / 10.7 x 9.2 x 2.0 in
- **DISPLAY**: Active Matrix Color TFT 10.4” LCD with 640 x 480 pixel resolution, 400/430 cd/m², 300:1 contrast ratio, with backlight and resistive touch panel with anti-glare coating
- **KEYBOARD**: Power On/Off key with Power LED
- **WEIGHT**: 2 kg / 5.5 lbs (not including mount)

**SAFETY & REGULATORY**
- **AGENCY APPROVALS**: The product meets necessary safety and regulatory approvals for its intended use.

**SOFTWARE**
- **CONFIGURATION & MAINTENANCE**: Wavelink Avalanche®, Datalogic Desktop Utility
- **DEVELOPMENT**: Datalogic Configuration Utility
- **TERMINAL EMULATION**: Windows CE SDK™, Wavelink Terminal Emulation™, Wavelink TermProxy, Wavelink® Industrial Browser
- **UTILITIES**: Wavelink® Remote Control

**SYSTEM**
- **AUDIO INTERFACE**: 2 x internal speakers capable of over 90 db, volume front panel adjustable
- **EXPANSION SLOTS**: 1 x Compact Flash Type I/II (not available if 802.11 radio installed)
- **1 x SD HD Memory / IO**
- **OPERATING SYSTEM**: Microsoft Windows Embedded CE 6.0 R3
- **MEMORY**: RAM: 128 MB, Flash: 128 MB

**WARRANTY**
- **WARRANTY**: 1-Year Factory Warranty

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**ACCESSORIES**

- **PowerScan 8000 Series** (Tethered / Cordless Models via cradle and Bluetooth®)
- **Mounting Accessories**
  - 94AC0036: Keyboard Mount for External Keyboards
  - 94AC0034: RAM Mount with round base for Rhino Vehicle Computers
- **External Keyboards**
  - 95ACC1331: External Keyboard, ABCD layout
  - 95ACC1330: External Keyboard, QWERTY layout

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