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
- EASEOFCARE 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 °C / 14 to 122 °F; Start up as low as: 0 °C / 32 °F Storage/Transport: -30 to 60 °C / -22 to 140 °F; Extended temperature model: Start up as low as: -20 °C / -4 °F Storage/Transport: -30 to 70 °C / -22 to 158 °F
SHOCK/VIBRATION	MIL-STD 810F
PARTICULATE AND WATER SEALING	IP65

INTERFACES

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 (6.6 cm / 2.6 in at connectors)
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 Up and Down keys allow control of backlight brightness and speaker volume
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 Datalogic Configuration Utility
DEVELOPMENT	Windows CE SDK™
TERMINAL EMULATION	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
MICROPROCESSOR	Marvell® XScale PXA270 @ 520 MHz
MEMORY	RAM: 128 MB Flash: 128 MB

WARRANTY

WARRANTY	1-Year Factory Warranty

ACCESSORIES

PowerScan 8000 Series
(Tethered / Cordless Models via cradle and Bluetooth®)

Mounting Accessories
- 94ACC0036   Keyboard Mount for External Keyboards
- 94ACC0034   RAM Mount with round base for Rhino Vehicle Mount Computers

External Keyboards
(ABCD and QWERTY Layout)
- 95ACC1331   External Keyboard, ABCD layout
- 95ACC1330   External Keyboard, QWERTY layout