RHINO II

DATALOGIC



RUGGED VEHICLE MOUNTED COMPUTER

目的語識

The Rhino II[™] vehicle mount computers, available in both 10" and 12" display sizes, set the standard for ruggedness in the warehouse. A sealed design tested to IP65/IP67 ensures operation in the toughest environments. A dedicated freezer-rated model with integrated display heater allows use in and out of cold storage. The capacitive touch models feature 3 mm anti-glare armored glass, while still allowing use of gloves.

WAREHOUSE MANAGEMENT

Tailored for warehouse management, the Rhino vehicle computer increases productivity through reduced errors during receiving, put-away, picking and shipping activities. Adding a handheld bar code scanner such as Datalogic's PowerScan™ allows for quick data entry and location confirmations.

VERSATILITY

The Rhino vehicle computer is equipped with an internal isolated power supply, ignition sense to automatically control the power, and an optional battery backup for the ultimate protection against data loss. The Rhino vehicle computer fits different mounting and space constraints. Mounting options include various brackets and RAM mounts for the vehicle computer along with ABCD or QWERTY external keyboards. A dedicated software keyboard includes a multitude of layouts and languages, adapting the Rhino computer to a minimum footprint and global applications.

OPERATING SYSTEM AND UTILITIES

The Rhino II computer offers a choice of Windows Embedded Compact 7 (WEC7), Windows Embedded 7, Windows 10 IoT Enterprise operating systems, as well as Android 7.1 Nougat. Included are various Datalogic Utilities and on the WEC7 models, Wavelink® Avalanche™ and Terminal Emulation are pre-loaded and pre-licensed, allowing the Rhino computer to maximize return-on-investment (ROI) through easy deployment, device and maintenance management.

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FEATURES

- Choice of Microsoft Operating Systems or Android[™] 7.1
- 10 inch or 12 inch high resolution color display
- Anti-glare multi-touch screen, with gloves support
- WLAN: IEEE 802.11 a/b/g/n, CCX v4
- Bluetooth[®] Wireless Technology v4.0
- Wired Ethernet (GbE) included
- Sealed to IP65/IP67 protection class
- Wide operating temperature range from -20 to 55 °C / -4 to 131 °F (Freezer 10 inch model to -30 °C / -22 °F)
- Tethered and cordless bar code scanner support
- External ABCD, QWERTY and software keyboard options
- Wavelink Powered[™] with pre-installed and pre-licensed Wavelink Avalanche and Terminal Emulation (WEC7 models)
- SOTI Mobicontrol and Wavelink Avalanche Agents pre-installed on Android models
- 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
- In-vehicle/truck
- Public Safety

RHINO II[™]

DATALOGIC

PARTICULATE AND WATER SEALING IP65/IP67 INTERFACES INTE	CATIONS	WIRELESS COMMUNICATIONS		PHYSICAL CHARACTERISTICS	
Battery (harging: 00 60 C7 20 122 + Battery (harging: 00 60 C7 20 122 + Entered of 12 V0C 20/46 VDC isolated internal power supplies, Android So C7 - 4 to 122 + Choice of 12 V0C 20/46 VDC isolated internal power supplies, Android models use 12-48 VDC On front bezel EVIRONMENTAL HUMDITY TEMPERATURE PARTICLATE AND WATER SEALING SHOCK & VIBRATION PARTICLATE AND WATER SEALING INTERFACES INTERFACES INTERFACES LOTS INTERFACE SLOTS INTERFACE SLOTS INTERFAC		LOCAL AREA NETWORK (WLAN)	Wi-Fi: 802.11a/b/g/n (2.4 GHz and 5 GHz); Cisco CCX v4; Wired Ethernet: 1 x GbE, RJ-45 (bottom) Diversity antennas under top cap;	DIMENSIONS	27.8 x 22.3 x 6.4 cm / 10.9 x 8.8 x 2.5 in Resistive/Freezer Model: 10.4 inch SVGA 800x600, 400 NITS; Capacitive/Standard Models: 10.4 inch XGA 1024 x 768, 350 NITS
Battery (marging: 00:60) C/ 32:0122-F http://diamateria Battery (marging: 00:60) C/ 32:0122-F http://diamateria POWER SUPPLY Choice of 12:00C, 24/48 UDC isolated internal power supplies, Android models use 12-48 UDC LIGHT INDICATORS On front bezel EVIRONMENTAL UDE 90% at 40°C / 104 -F; non-condensing Operating: -2010 55°C / -4 to 131 -F (without heater, Capacitive models); -30 to 55°C / -4 to 131 -F (without heater, Capacitive models); -30 to 55°C / -4 to 131 -F (without heater, Capacitive models); -30 to 55°C / -24 to 131 -F (without heater, Capacitive models); -30 to 55°C / -24 to 131 -F (without heater, Capacitive models); -30 to 55°C / -24 to 131 -F (without heater, Capacitive models); -30 to 55°C / -24 to 131 -F (without heater, Capacitive models); -30 to 55°C / -24 to 131 -F (without heater, Capacitive models); -30 to 55°C / -24 to 131 -F (without heater, Capacitive models); -30 to 55°C / -24 to 131 -F (without heater, Capacitive models); -30 to 55°C / -24 to 131 -F (without heater, Capacitive models); -30 to 55°C / -24 to 131 -F (without heater, Capacitive models); -30 to 55°C / -24 to 131 -F (without heater, Capacitive models); -30 to 55°C / -24 to 131 -F (without heater, Capacitive models); -30 to 55°C / -24 to 131 -F (without heater, Capacitive models); -30 to 55°C / -24 to 131 -F (without heater, Capacitive models); -30 to 55°C / -24 to 131 -F (without heater, Capacitive models); -30 to 55°C / -24 to 131 -F (without heater, Mininal Condensation using freezer-rated model -10° only) The product meets necessary safety and regulatory approvals for its intended use. Cartified for CE/FCC; Rol-Condensity Parallel, Android 71, SureLock and SureFox Locked Browser, Wavelink Avalanche generis NITERFACES 1 x Ethernet 10/100/1000 Mbps; RI45; USE 20 Tipe A footoron)		ELECTRICAL	CTRICAL		4 programmable keys (S1-S4)
POWER SUPPLY Battery operating: -20 to 50 °C / -4 to 122 °F, CMC and POINT AND CONSTRUCTION AND COMPANY CONSTRUCTION CONSTRUCTION COMPANY CONSTRUCTION COMPANY CONSTRUCTION CO			runtime; 2,500 mAh @ 10.8 VDC; 27 Wh; Battery charging: 0 to 50 °C / 32 to 122 °F Battery operating: -20 to 50 °C / -4 to 122 °F Choice of 12 VDC; 24/48 VDC isolated internal power supplies; Android models use 12-48 VDC	SCREEN BLANKING SPEAKERS TOUCHSCREEN VIDEO OUTPUT VOICE SUPPORT	Optional Optional: downward facing, waterproof Resistive, 4 Wire (WEC7/Freezer model only); Capacitive (all OS); 3 mm, non-reflecting, hardened glass; Gloves support 1 x HDMI port (top) [Win7/10 only] Wireless via Bluetooth v4 (Win7/10 only) 3.4 Kg / 7.5 lb (10 inch Freezer Models); 3.6 Kg / 7.9 lb (10 inch Standard Models);
HUMIDITY TEMPERATURE 10 to 90% at 40 °C / 104 °F; non-condensing Operating: 20 to 55 °C / - 4 to 131 °F (without heater, Capacitive models), -30 to 55 °C / - 22 to 131 °F (without heater, Capacitive models), -30 to 55 °C / - 22 to 131 °F (without heater, Capacitive models), -30 to 55 °C / - 22 to 131 °F (without heater, Capacitive models), -30 to 55 °C / - 22 to 131 °F (without heater, Capacitive models), -30 to 55 °C / - 22 to 131 °F (without class SM3 at EN 60721-3-5: 1998 (landcrafts) IP65/IP67 AGENCY APPROVALS CERTIFICATIONS The product meets necessary safety and regulatory approvals for 158 intended use. Certified for CE/FCC; RelS compliant of CM2/SureLock and SurePox pre-installed and pre-installed, SOTI MobiControl, Wavelink Avalanche gre-installed and pre-installed, SOTI MobiControl, Wavelink Avalanche agents pre-installed, SOTI MobiControl, Wavelink Avalanche agents pre-installed, Mini/T0: Datalogic Middin" pre-loaded Datalogic Windows CE SDIW; Mini/T0: Datalogic Middin" pre-installed and pre-installed, Mini/T0: Datalogic Middin" pre-loaded Sort X: 21 von pin 9 COM2: 5/12 von pin 9 C		POWER SUPPLY			
HUMIDITY TEMPERATURE 10 to 90% at 40 °C / 104 °F; non-condensing Operating: -20 to 55 °C / -4 to 131 °F (without heater, Capacitive models), -30 to 55 °C / -2 to 131 °F (with heater, mininat condensation using freezer-ated model -10° only) Class SM3 at EN 60721-3-5: 1998 (landcrafts) AGENCY APPROVALS The product meets necessary safety and regulatory approvals for 125 mininat ondensation using freezer-ated model - 10° only) Class SM3 at EN 60721-3-5: 1998 (landcrafts) INTERFACES 1 x Ethernet 10/100/1000 Mbps; RI45; USB: 2 x USB 2.0 Type 4 (bottom) 1 x SD Card slot for SDHC card (WEC7) DEVELOPMENT Detalogic Maduin* pre-installed and pre-incersed (MEC7 models), Android: Wavelink Velocity TE and StayLinked Smart TE clients available 1 muttor Mereline available 1 muttor Key layout (F1-F12) INTERFACE SLOTS 1 x Mini-PCIc, half or full size slot (full size used for W-Fi) 1 x CFast for SSD (Win 7/Win 10) 1 x SD Card slot for SDHC card (WEC7) SOTT KEYBOARDS Windows Embedded Compact 7, Windows 10 ad 100 mindows 10 loT Enterprise 64 bit; Android 71 Nougat PROCESSOR PROCESSOR Freescale NXP ARM Quad Core 1 GHz (WEC7 2 standard models/Android 71), BGB eMMc; WIN710: 32 GB SAM, Matrix 2: 2G GB ZAM, WEC7.1 GB RAM, WIN710: 32 GB ZAM, WEC7.2 GB RAM, WIN710: 32 GB ZAM, WEC7.2 GB RAM, WIN710: 32 GB EMK; WIN710: A: GB RAM, WIN710:		LIGHT INDICATORS			
TEMPERATURE Operating:-20 to 55 *C / -4 to 131 *F (without heater, Capacitive models), -30 to 55 *C / -22 to 131 *F (with heater, minimal condensation using freezer-rated model - 10" only Liss SM3 at EN 60721-3-5: 1998 (landcrafts) CERTIFICATIONS Certified for CE/FCC, RoH5 compliant SHOCK & VIBRATION PARTICULATE AND WATER SEALING Liss SM3 at EN 60721-3-5: 1998 (landcrafts) Certified for CE/FCC, RoH5 compliant INTERFACES 1 x Ethernet 10/100/1000 Mbps, RJ45; USB 2.0 Type A (bottom) Convertige A (bottom) (Win7/10 only] 1 x USB 2.0 Type A (bottom) WEC7: Datalogic Aladdim* pre-licensed; SOTI MobiControl, Wavelink Avalanche agents pre-installed and pre-licensed; SOTI MobiControl, Wavelink Valanche agents pre-installed and pre-licensed; SOTI MobiControl, Wavelink Velocity TE and SayLinked Sort X wavelink Velocity TE and SayLinked for Win7/10: Datalogic Vindows CE SON* INTERFACES 1 x Ethernet 10/100/1000 Mbps, RJ45; USB 2.0 Type A (bottom) DEVELOPMENT Datalogic Vindows CE SON* Soft KEYBOARDS 1 x Wini-PCL, Bahf or full size used for Win7/10: Datalogic Vindows CE SON* Soft KEYBOARDS INTERFACE SLOTS 1 x CFast for SSD (Win 7/Win 10) Soft KEYBOARDS Includes QWERTY Havouts for English, German, Italian, Spaish, Polish, Leverty French layout; Function Key layout (F1-F12) SYSTEM Windows Embedded Compact 7, Windows Embedded Compact 7, Windows Embedded Compact 7, Windows CE SOR Embedded Sandard 7 or Windows 10 lof Enterprise 6 bit, Android 7.1 Nougat Freescale NUP AAM Quad Core: 1 GERAW; Win7/10: A GB RAW; Android 7.1 S GB GAM; Win7/1		ENVIRONMENTAL		SAFETY & REGULATORY	
		TEMPERATURE Op	Operating: -20 to 55 °C / -4 to 131 °F (without	AGENCY APPROVALS	
SHOCK & VIBRATION PARTICULATE AND WATER SEALING condensation using freezer-rated model - 10" only IPS5/IPS7 SUFTWARE INTERFACES 1 x Ethernet 10/100/1000 Mbps; RI45; USE 2 x USB 2.0 Type A (bottom) 1 x USB 2.0 Type A (bottom) Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-232 (bottom); COM1:5 V on pin 9; COM2: 5/12 V on pin 9 Serial: 2 x RS-23				CERTIFICATIONS	Certified for CE/FCC; RoHS compliant
PARTICULATE AND WATER SEALING IP65/IP67 INTERFACES INTE			condensation using freezer-rated model - 10" only)	SOFTWARE	
INTERFACES 1 x Ethernet 10/100/1000 Mbps; RJ45; USB: 2x USB 2.0 Type A (toot tom) 1 x USB 3.0 Type A (toot tom)[Viin7/10 only] 1 x USB 2.0 Type A (too) Serial: 2x RS-232 (bottom); Viin7/10 x V on pin 9; COM2:5/12 V on pin 9 Serial: 2x RS-232 (bottom); Viin7/10 null size slot (full size used for Wi-Fi) 1 x SD Card slot for SDHC card (WEC7) SYSTEM SYSTEM PROCESSOR MEMORY M		PARTICULATE AND WATER SEALING		CONFIGURATION & MAINTENANCE	pre-licensed; Android 7.1: SureLock and SureFox pre-licensed;
10. WHYI) Italian, Spanish, Polish; Azerty French layout; 1x SD Card slot for SDHC card (WEC7) SYSTEM SYSTEM OPERATING SYSTEM Windows Embedded Compact 7, Windows Embedded Standard 7 or Windows 10 loT Enterprise 64 bit, Android 7.1 Nougat PROCESSOR Freescale NXP ARM Quad Core: 1 G.Hz (WEC7 Strandard models/Android 7.1); 800 MHz (WEC7 Freezer models/ NEMORY WEC7: 1 GB RAM; Win7/10: 4 GB RAM; STORAGE WEC7: 32 GB SDHC; Android 7.1: 8 GB eMMc; Win7/10: 32 GB CFast SSD; SD Slot: used for WEC7 OS; other OS can use for additional storage.			USB: 2 x USB 2.0 Type A (bottom) 1 x USB 3.0 Type A (bottom) [Win7/10 only] 1 x USB 2.0 Type A (top) Serial: 2 x RS-232 (bottom); COM1: 5 V on pin 9; COM2: 5/12 V on pin 9 1 x Mini-PCle, half or full size slot (full size used	TERMINAL EMULATION	pre-installed; Win7/10: Datalogic Aladdin [™] pre-loaded Datalogic Windows CE SDK [™] Wavelink Terminal Emulation [™] pre-installed and pre-licensed (WEC7 models); Android: Wavelink Velocity TE and StayLinked Smart TE clients available
OPERATING SYSTEMWindows Embedded Compact 7, Windows Embedded Standard 7 or Windows 10 loT Enterprise 64 bit; Android 7.1 NougatPROCESSORFreescale NXP ARM Quad Core: 1 GHz (WEC7 Standard models/Android 7.1); 800 MHz (WEC7 Freezer models); Intel Atom E3826 Dual Core 1.46 GHz (Win7/10)MEMORYWEC7: 1 GB RAM; Win7/10: 4 GB RAM; Android: 2 GB RAMSTORAGEWEC7: 32 GB SDHC; Android 7.1: 8 GB eMMc; Win7/10: 32 GB CFast SSD; SD Slot: used for WEC7 OS; other OS can use for additional storage.WARRANTYWARRANTY			1x CFast for SSD (Win 7/Win 10)	JOFTICLIDOARDJ	Italian, Spanish, Polish; Azerty French layout;
Embedded Standard 7 or Windows 10 IoT Enterprise 64 bit; Android 7.1 NougatPROCESSORFreescale NXP ARM Quad Core: 1 GHz (WEC7 Standard models/Android 7.1); 800 MHz (WEC7 Freezer models); Intel Atom E3826 Dual Core 1.46 GHz (Win7/10)MEMORYWEC7:1 GB RAM; Win7/10: 4 GB RAM; Android: 2 GB RAMSTORAGEWEC7: 32 GB SDHC; Android 7.1: 8 GB eMMc; Win7/10: 32 GB CFast SSD; SD Slot: used for WEC7 OS; other OS can use for additional storage.WARRANTYWARRANTY				SYSTEM	
PROCESSOR Freescale NXP ARM Quad Core: 1 GHz (WEC7 Standard models/Android 7.1); 800 MHz (WEC7 Freezer models); Intel Atom E3826 Dual Core 1.46 GHz (Win7/10) MEMORY WEC7:1 GB RAM; Win7/10:4 GB RAM; Android: 2 GB RAM STORAGE WEC7:32 GB SDHC; Android 7.1:8 GB eMMc; Win7/10: 32 GB CFast SSD; SD Slot: used for WEC7 OS; other OS can use for additional storage. WARRANTY				OPERATING SYSTEM	Embedded Standard 7 or Windows 10 IoT
MEMORY WEC7: 1 GB RAM; Win7/10: 4 GB RAM; Android: 2 GB RAM STORAGE WEC7: 32 GB SDHC; Android 7.1: 8 GB eMMc; Win7/10: 32 GB CFast SSD; SD Slot: used for WEC7 OS; other OS can use for additional storage. WARRANTY				PROCESSOR	Freescale NXP ARM Quad Core: 1 GHz (WEC7 Standard models/Android 7.1); 800 MHz (WEC7 Freezer models);
STORAGE WEC7: 32 GB SDHC; Android 7.1: 8 GB eMMc; Win7/10: 32 GB CFast SSD; SD Slot: used for WEC7 OS; other OS can use for additional storage. WARRANTY				MEMORY	WEC7: 1 GB RAM; Win7/10: 4 GB RAM;
WARRANTY				STORAGE	WEC7: 32 GB SDHC; Android 7.1: 8 GB eMMc; Win7/10: 32 GB CFast SSD; SD Slot: used for WEC7 OS; other OS can use for
				WARRANTY	~
WARRANTY 1-Year Factory Warranty					



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Reydoard, QWERTY layout

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