Product Name: Rhino R8FXX-EC Octal Analog PCI Card - base board w/EC

Manufacturer: -

Model Number: R8FXX-EC

Please note: The Rhino R8FXX-EC Octal Analog PCI Card has been discontinued. Please see the Sangoma Asterisk Cards for an alternative product.

Rhino R8FXX-EC Analog PCI Base Card with Built-In Echo Cancellation THIS CARD HAS THE ABILITY TO ADD DUAL FXO AND DUAL FXS CARDS WHICH ARE SOLD SEPERATELY!

The Rhino R8FXX-EC is the first analog card for Asterisk that eliminates "bit-banging" the PCI bus. Other manufacturers have been known to have problems with bit-banging. The R8FXX-EC has built in echo cancellation so there is no need to purchase a separate module. The Rhino R8FXX PCI analog card features a control element to remove all "bit banging" on the PCI bus, something that other manufacturer's have yet to solve! This Rhino feature significantly reduces PCI and CPU overhead.

Rhino R8FXX-EC Analog PCI Base Card with Built-In Echo Cancellation Rhino's onboard echo-cancellation provides excellent voice quality and fast convergence rate. There is no divergence due to doubletalk and cancels multiple independent tails. The Tone Disabler disables echo canceller during voiceband modem and FAX connections. The echo cancellation module is a G.168 compliant line echo canceller, which meets and exceeds G.168-2002

Managing your open source telecommunication needs has never been easier than with Rhino products. Rhino PCI plug-in cards satisfy the needs of Open Source Telephony (OST) applications, no matter how stringent the requirement. Rhino Open Source Telephony PCI cards feature Asterisk and Linux tested software. Knowing that Rhino products are ready to perform right out of the box means that you can spend more time developing important customer relationships.

Rhino R8FXX-EC Features & Functionality

• Hosts up to four, dual channel FXS or FXO modular cards, using four RJ11 jacks with two lines per jack (inside and outside pairs)
• FXS channels utilize the Infineon PEB3268 ringing SLIC single chip
• FXO channels utilize the Silicon Labs Si3050 and Si3019 DAA chipset
• Channel status easily seen via eight on-board LEDs
• User upgradeable, modules snap on and off easily, yet are rigorously held in place both electrically and mechanically

Rhino R8FXX-EC Echo-Cancellation Specifications

• On-board - no module
• Adaptive Digital Technologies G.168 Echo Canceller is a carrier-class, ITU G.168 compliant line echo canceller, which meets and exceeds G.168-2002
• Cancels up to 128msec tail
• Non-linear processor
• Comfort Noise Generator
• Automatic tail search
• Excellent voice quality
• Cancels multiple independent tails
• Fast Convergence
• No divergence due to doubletalk
• Tone Disabler disables echo canceller during voiceband modem and FAX connections

Using Asterisk? Rhino Open Source Telephony PCI products allow you to utilize analog phones and wiring in conjunction with leading-edge Asterisk technology -- without having to buy expensive IP telephones. Why go IP when you can save on installations by using your proven existing wiring? With Rhino you can use lower cost analog phones with digital features and guaranteed T1

voice quality, all while enjoying Asterisk VoIP technology for off-premise connectivity.
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