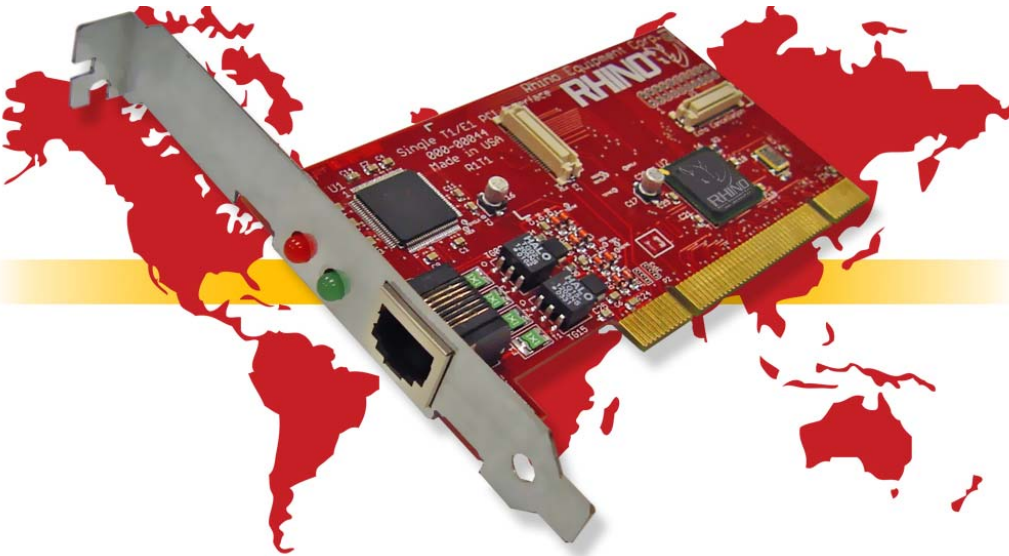# Linux Open Source Telephony
PCI Plug-In Card Family

Providing reliable, flexible, and leading-edge solutions for a demanding telecommunications industry, including the Asterisk* community.

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 Equipment Corp. offers you a complete line of low cost PCI plug-in cards including Single T1/E1, Dual T1/E1, Quad T1/E1, Quad FXO analog, Octal FXS/FXO and 24-port analog mixed mode analog interfaces. And don't forget the full line of Rhino Channel Bank products, for large scale analog FXS or FXO applications.

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 get guaranteed T1 voice quality, all while enjoying Asterisk VoIP technology for off-premise connectivity.

Rhino designed products are tough. In the rare case of trouble, our technical support staff is ready to give you the support you need, when you need it. Our 5-year, limited warranty means that you can be confident that Rhino will always work hard in your Open Source Telephony application.

* Asterisk is a registered trademark of Digium

Rhino Equipment Corp.
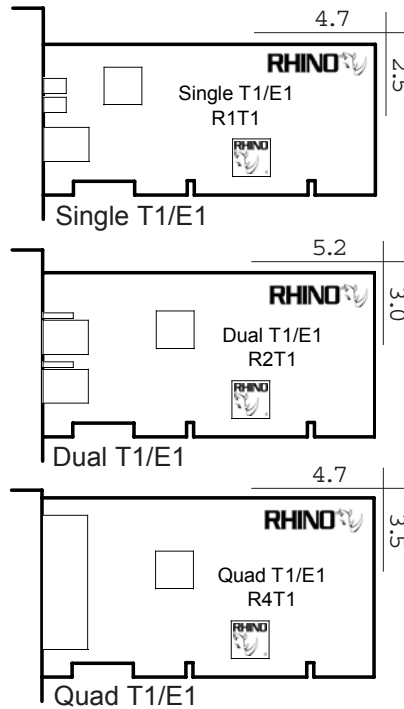# PCI Plug-In Card Family Overview

RHINO®

All Rhino PCI cards feature the Rhino custom PCI interface chip guaranteed to give you the best circuit performance!

T1/E1 Cards

The Rhino family of T1/E1 cards span single, dual and quad models, and are ready to go straight out of the box, just like all Rhino products!

Rhino T1/E1 products are Asterisk tested and Zaptel compatible. Rhino cards are both 3.3V and 5V compliant.

Are you using something else besides Asterisk? We are always ready to listen and help.

Echo Cancellation Module

The Rhino echo cancellation daugtercard is based on the award winning Octasic echo cancellation chips and will plug into any Rhino PCI card.

FXS and FXO Modular Analog

The Rhino design staff asked customers what they liked and did not like, and what came from that is a highly integragted, yet modular line of analog products.

The Rhino fixed Quad FXO board is cost effective, since paying extra for a base board when all that you needed was four FXO channels is too high of a price to pay.

The Octal and 24 port FXS or FXO modular board hosts multiple dual FXO or FXS modules to offer the best analog channel resolution.

4.7 / 2.5

RHINO
Single T1/E1
R1T1

Single T1/E1

5.2 / 3.0

RHINO
Dual T1/E1
R2T1

Dual T1/E1

4.7 / 3.5

RHINO
Quad T1/E1
R4T1

Quad T1/E1

RHINO

Echo Cancellation
Daughtercard

RHINO

Dual FXS/FXO Daughtercard

4.7 / 3.6

RHINO
Quad FXO
R8FXO

Quad FXO Channel

8.0 / 3.6

RHINO
Quad FXS/
FXO R8FXX

Modular Octal FXS/FXO

11.2 / 4.0

RHINO
24 FXS/FXO
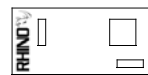R24FXX

Modular 24 Channel FXS/FXO

Why Rhino?

Stop paying high prices when all that you want is a product that works, from a company that understands customer driven products.

All Rhino products are designed and manufactured in the USA by Rhino engineering and manufacturing staff. Using Rhino products guarantees that you are getting the lowest price and the highest performance.

Rhino Equipment Corp. is a leading supplier of highly flexible and reliable products that satisfy all T1, E1 and analog needs for Open Source Telephony projects.
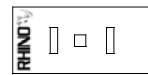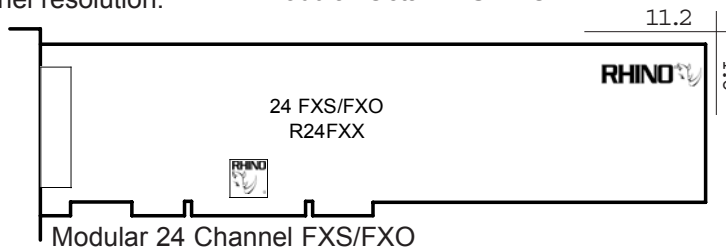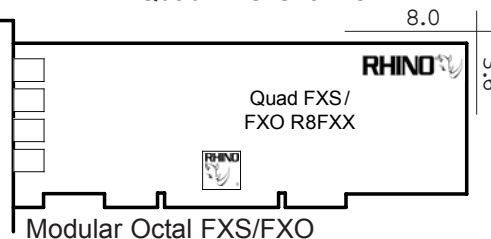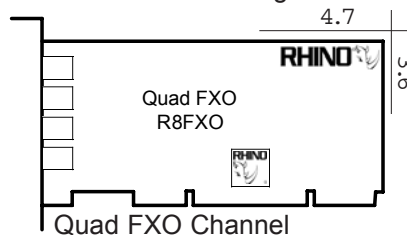
Our products will beat your expectations, or your money back - guaranteed. Our 5-year limited warranty means that you do not have to worry about your investment - we do that for you.

Most of all, Rhino techncial support staff will not leave you hanging if your issue goes past 5PM, we will work with you instead of telling you to call back in the morning!