

# Linux Open Source Telephony Ceros Chassis

**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. Ceros provides instant credibility to your Value Added Reseller (VAR) product line, by providing an unmarked PC chassis that is simply customized by editing a simple six line by 40 character text and graphics file. The text and graphics in the file is displayed on the LED at all times for your customers to visually identify your own branded PBX product.

Knowing that Rhino products are ready to perform right out of the box means that you can spend more time developing important customer relationships. Ceros comes preloaded with Linux and Asterisk, along with all the necessary configurations for the specific installed Rhino hardware. All that is needed is to customize extensions and other outside system environment configurations.

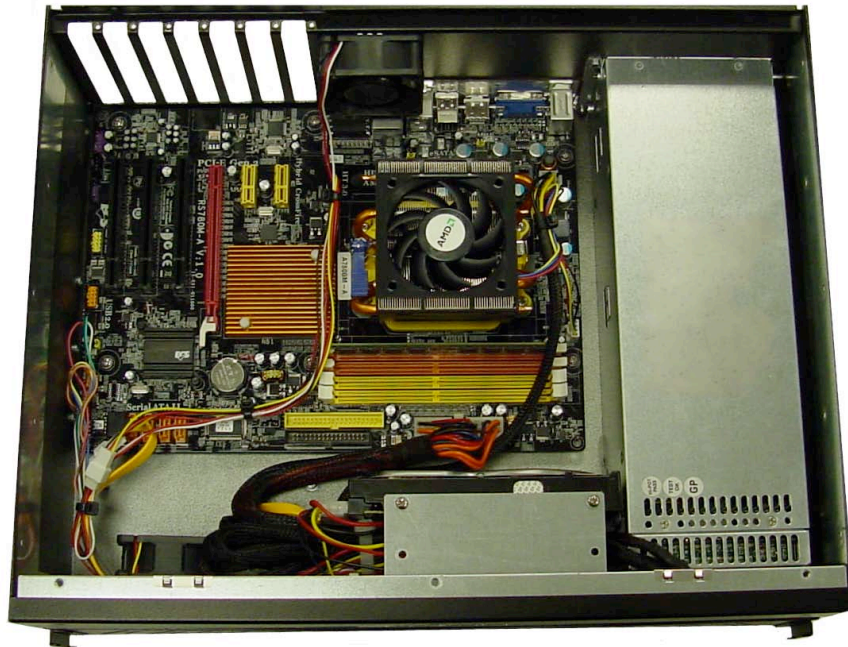
The Ceros chassis was designed with VARs in mind. The chassis comes with no external markings or silkscreening, and comes shipped in two cartons -- an outside carton that can be discarded so that a pristine, inside carton can be cleanly shipped to your end customer.

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.

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. Inside the Ceros Chassis



## Standard Features

- Asterisk soft PBX tested
- Preloaded with Linux and Asterisk
- Accepts all Rhino PCI and PCI Express cards. Full length cards have special anchor brackets to fully secure cards in the chassis
- Fully tested and integrated with all required hardware
- 3U tall, 17" wide x 13.5 deep" external dimensions
- Washable front air filter
- Rubber bumper feet, or 19" and wall mounting brackets
- Dual high reliability chassis fans
- Six line Rhino OSLI, serial LED and 5-button keypad
- No external monitor or keyboard required
- Double layer shipping box
- 5-year limited warranty

## Base Configurations

- AMD 4000++ Athlon (AM2) or better CPU
- 80G SATA hard drive (RAID1 optional)
- 1GB DDR2 memory
- 400W power supply
- Three PCI, three PCI Express
- Rhino SLI 6-line graphical LED and 5-button keypad
- Video and keyboard ports
- Four USB ports, parallel and serial port, audio stack
- 10/100/1000 integrated network

## Benefits

Ceros is ready to work right out of the box, preloaded, integrated and tested. Simply add your company name to the Rhino OSLI LED display and install.

Our limited 5-year warranty means that you do not have to worry about your investment while it is in use - we do that for you.

## **Why Rhino?**

Stop paying high prices when all that you want is a product that works, from a company that believes that your success is our success.

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 while receiving 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 by our 30-day risk free time period. Our limited 5-year warranty means that you do not have to worry about your investment while it is in use - we do that for you.

**Call us!**  
**(800) RHINO-T1 Option 1**

**Email us!**  
**sales@rhinoequipment.com**

**Technical questions?**  
**support@rhinoequipment.com**

**Order online at:**  
**www.rhinoequipment.com**

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**Tempe, AZ 85284**

Rhino Equipment Corp. is proud to manufacture our products in the U.S.A..  
Specifications are subject to change without notice.