

OVERVIEW

Rhino Labs' Network Visibility Appliance allows users to easily deploy an intelligent tap system at low cost. The appliance incorporates a network processor sub system and a DPLL unit. The appliance is capable of sending test traffic via test ports and intercepting the traffic on predetermined time intervals. The appliance runs Linux SDK and openWRT

Rhino Health Monitor (RHM) is a unique onboard Health Monitoring tool providing continuous monitoring of CPU cores, board peripherals, and host processor via heartbeats, voltage, and temperature checkpoints



KEY BENEFITS



Rhino's Health Management (RHM) Tool

Proprietary onboard circuitry and logic providing programmable board and CPU Health Monitoring and Failure Management to ensure optimal network operation and availability



Low Cost

Enterprise-grade appliance at affordable cost



Cavium OCTEON II 6335 Processor

Cavium OCTEON family of Multi-Core MIPS64 processors is the industry's most scalable, highest-performance, and lowest-power solution for intelligent networking applications ranging from 100Mbps to 100Gbps



Low Power

Designed to provide optimal performance at low power. A fan less appliance



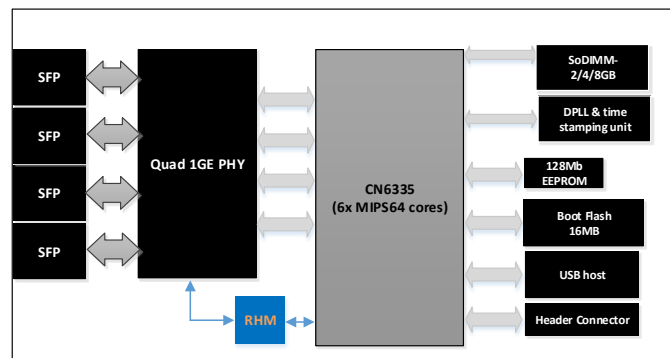
Made in The U.S.A

Rhino products are designed and manufactured locally at our facility in the Silicon Valley, California

FEATURES

- 6 cores of MIPS64@1.3GHz
- Dual banks of On board 4/8/16 GB DDR3 with ECC memory
- On board NOR parallel Flash
- Onboard interfaces:
 - ⇒ Quad 1GE copper ports
 - ⇒ One USB2.0 host
 - ⇒ One RS232 port via RJ45
 - ⇒ 1xGE management port
- Typical Power Consumption:
 - ⇒ Mechanical Size: 4.2"x7.2"
 - ⇒ Rhino Health Monitoring (RHM) Tool
- Supports IEEE1588v2 / SyncE DPLL with dual footprint for stratum 3E OCXO or stratum 3 TCXO reference
- Supports PPS input and output, locked to GPS or PTP is provided
- Board works with 48V input (meets U.S and EU telecom requirements)
- Clocking for entire sub-system meets Stratum 3E requirements
- Supports cisco type terminal port
- Rhino Health Management (RHM) tool:
 - ⇒ Continuous monitoring of CPU cores, board peripherals, and host processor via heartbeats, voltage, and temperature checkpoints
 - ⇒ Programmatic health alerts and failure points
 - ⇒ Hold-on power (up to 150msec) feature for failure response and Onboard Failure Logging (OBFL)

BLOCK DIAGRAM



SOFTWARE

- Rhino U-boot
- Linux SDK

Part Ordering

RL-VISIBILITY-6335-4xGE



Network Visibility Appliance

RL-VISIBILITY-6335-4xGE

Product Brief

ABOUT RHINO LABS

Rhino Labs Inc. is a leading provider of high-performance networking and data infrastructure solutions. Our products are used by a growing base of OEM customers in applications focused on Cyber Security, Network Monitoring and Traffic Management. Our standard and customized products include Intelligent Bypass NICs, Smart NICs, and a variety of network, security, and storage appliances. We are a privately held company headquartered in Santa Clara, CA with a local engineering and manufacturing facility and a high volume manufacturing facility in Malaysia.