

## OVERVIEW

Rhino's newly introduced SDNA (software defined network appliance) family of products is a unique enterprise-grade appliance able to perform multiple applications within a small form factor at low power and low cost. The SDNA-7360 appliance is ideal for high performance enterprise grade product providing all-inclusive networking, security and storage based solutions. Typical application including: next generation firewall, intrusion prevention, gateway antivirus (AV) and anti-spam, VPN tunneling, content filtering, load balancing, data leak prevention, smart Wi-Fi access point, and remote network visibility and management

Rhino Networking Appliances are based on the best-in-class, Cavium OCTEON® III 7360 processors, integrating 16 cores and providing unparalleled performance in the low power and low price categories

The unit incorporates the Rhino Health Monitoring (RHM) utility, 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 III 7360 Processor

The OCTEON III 7360 family 16-core MIPS64 processors target high end SMB and Enterprise platforms. The processors provide unparalleled performance in the low power and low price categories.



### Small Form Factor

Highest performance appliances with the most compatible form factor commercially available



### Made in the U.S.A

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



### Integrated Wireless Option

802.11 b/g/n/ac 2.4 Ghz and 5.0Ghz  
Blue Tooth Low Energy (BLE)



# Software Defined Networking Appliance

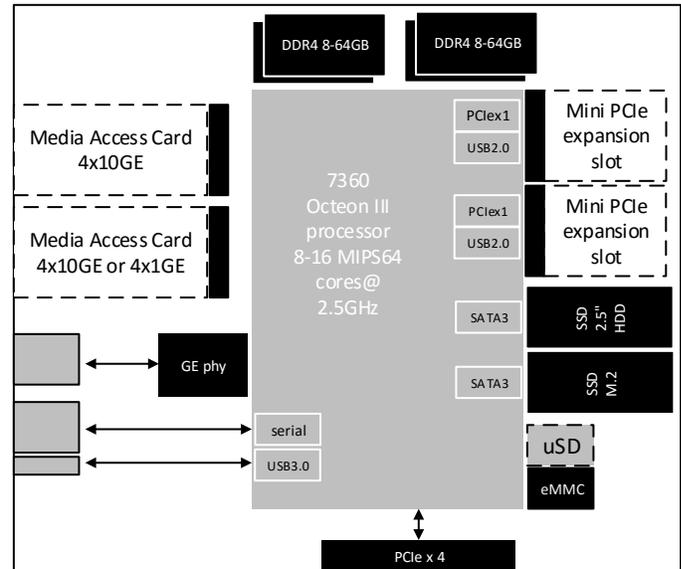
RL-SDNA-7360- Family

Product Brief

## FEATURES

PROCESSOR	Cavium OCTEON III 73600, quad cores @2.5GHz
MEMORY	32GB DDR3
Storage	On board 4GB eMMC/SATA via M.2/uSD slot
External interfaces	4x10GE or 8x1GE or 4x10G+4x1GE, including management - 1GE, one RS232 via RJ45, UDB 3.0
Expansion	Dual mPCIe supporting 801.11ac/n and LTE PCIe4
Software	U-Boot from Rhino Labs Comes pre-loaded with Linux or Open WRT

## Block Diagram



## Part Ordering

RL-SDNA-7360-A -32 → 7360 based processor / quad 10GE interfaces with 32GB of DDR memory

RL-SDNA-7360-AB-32 → 7360 based processor / quad 10GE + quad 1GE interfaces with 32GB of DDR memory

RL-SDNA-7360-BB-32 → 7360 based processor / Eight 1GE interfaces with 32GB of DDR memory

## 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.