Interface Masters
INCORPORATED

Niagara 2351-1010
Niagara 2351-1120

Two Gigabit Ethernet Copper Ports, 1000 Base – T, with Bypass
&

Cavium CN1010 & CN1120
(Gigabit Rate SSL/IPsec accelerator)

Niagara 2351 is designed with a built-in programmable bypass circuit to provide maximum up time for the network. The Bypass circuit takes the Niagara 2351 ports off line in case of either power or software failure. The bypass circuit works in absence of power.

Niagara 2351 Gigabit Ethernet Server Adapters is built on Intel's Gigabit technology and Interface Masters' sterling design and customer service.

Niagara 2351 is optimized to support 64-bit/133MHz PCI-X bus based systems.

Features
➢ Intel's 82546 controller
➢ Cavium CN1010-XP & CN1120
➢ Programmable "Close" or "Open" while in the power off state.
➢ Programmable independent mode to function as dual Giga bit copper card
➢ Two integrated PHYs for 10/100/1000 Mb/s full- and half-duplex operation
➢ PCI-X 1.0a compatible, 64-bit/133MHz
➢ IEEE 802.3ab, 802.3u, 802.3x compliant
➢ Host offloading – TCP/IP/UDP checksum, TCP segmentation and advanced packet filtering
➢ Two RJ45 Connectors

Dimension:
Low profile PCI form factor
Length, 220 mm
Width, 64 mm

How to reach us
Interface Masters, Inc.
2381 Zanker Road, Suite 130, San Jose, CA 95131
Phone: 408-456-2545 x10
Fax: 815-364-0888
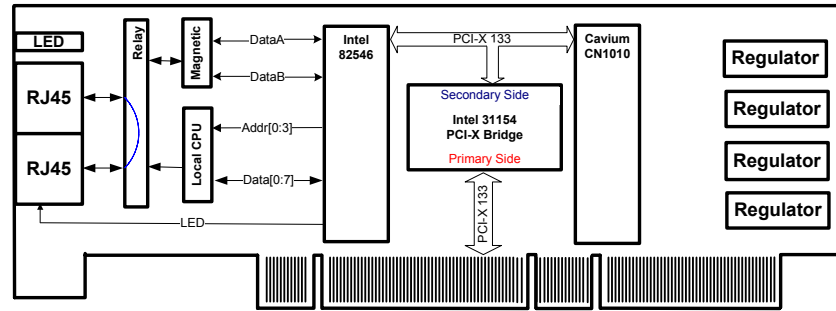E-mail: info@interfacemasters.com
Home page: http://www.interfacemasters.com
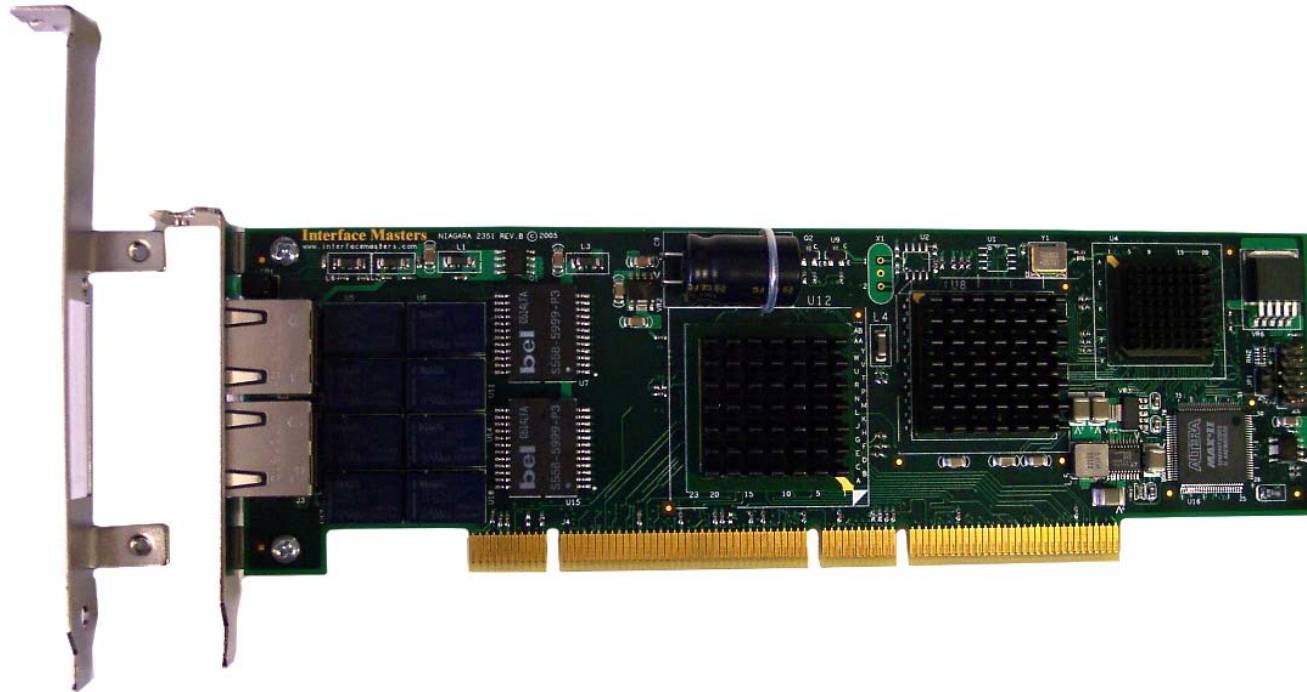
Figure 1 Block Diagram

Figure 2 Niagara 2351