

Overview

The Niagara 5010DPI is a Next Generation PackMaster System. The Traffic Distribution and Load Balancing has flexible and extensive configuration options. The system can support 50,000 filters on Layer 7 packet, IP traffic, MPLS packets and it provides the ability to customize key for distribution. The 24 ports support 1 gigabit or 10 Gigabit Ethernet with SFP and SFP+ support including multi mode, single mode and extended mode fiber.

Due to its versatility and flexibility the system can support mirroring to multiple ports aggregation of multiple ports to a single port and an extensive filtering engine. There are several load balancing methodologies supported which enable traffic to be distributed according to any configured output of ports.

Niagara 5010DPI provides 160Gbps real traffic processing and features that are essential for security applications and data monitoring appliances including:

- Application identification capabilities including SKYPE, YouTube, BitTorrent, Facebook and more
- Versatile and extensive traffic distribution options based on MPLS, MAC, VLAN, IP, TCP and UDP
- Enabling multiple appliances to monitor network segments by session based load balancing and sophisticated traffic distribution
- MPLS tunnel termination
- 50k L2, L3 and L7 filters including application identification
- 24 Bidirectional and configurable ports including speed (1Gb or 10Gb), media (fiber LR, SR, ER, SX, LX or copper), functionality and filtering
- Multiple traffic Mirroring, aggregation and redirection options including one-to-one, many-to-one, one-to-many, and many-to-many mappings of network links
- Advanced Management Capabilities including Syslog, TACACS+, RMON, secure WEB and CLI management, SSH and HTTPS support
- 2U rack mountable chassis supporting Dual Redundant Internal power supplies for maximum reliability



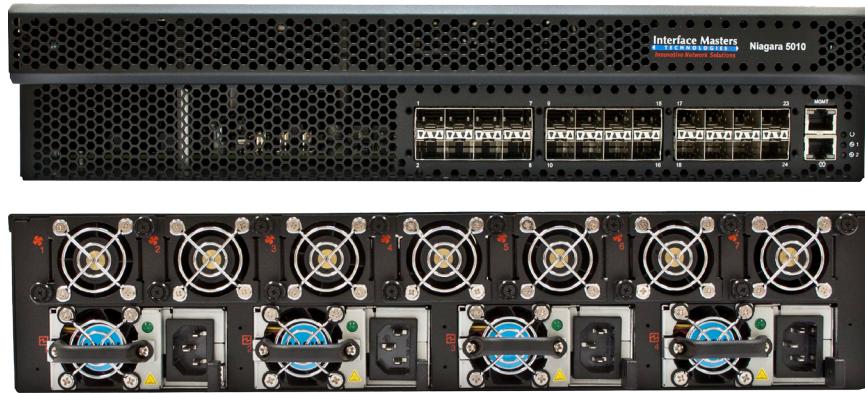
Features

- Layer 7 filtering
- Load balancing according to multiple key definitions
- Session aware load balancing
- User defined bytes for filtering
- Port failover mechanism
- Counters for ingress and egress traffic
- RMON statistics
- TACACS+ for centralized authentication
- Syslog for events logging
- SNMP management and reporting
- CLI and Web-based management and configuration
- Mirroring of one to many and any to any
- Secure logging and secure management
- Support for a total of 50,000 filtering

System Characteristics

- 24 x 10G or 1G Ports
 - » Support for SFP (SX, LX and TX) and SFP+ (SR, LR, ER)
- 2U chassis
- Serial console and Ethernet management port

Niagara 5010DPI Front and Back View



Environmental

Operating Temperature	0 to 55 °C or 32 to 131 °F
Operating Humidity	5 to 95%
Maximum Power Consumption	150 Watts up to 950 Watts
Airflow	100 lf/m

Dimensions (Standard 19" rack-mountable)

	cm	inches
Height (2U)	9.00	3.54
Width	43.18	17.00
Depth	66.04	26.00

Ordering Part Number

Part Number	Description
Niagara 5010-DPI	Next Generation PacketMaster with 24 SFP+ 10Gb ports - No SFP+ modules included

Product Line

- Network Interface Cards with Bypass
- Network Interface Cards without Bypass
- External Bypass Products
- SSL/IPSec Cards
- Embedded Switches
- Embedded Platforms
- Development Tools
- TAP Systems

About Interface Masters Technologies, Inc.

[Interface Masters Technologies](#) is a leading vendor in the network monitoring and high speed networking markets. Based in the heart of the Silicon Valley, Interface Masters' expertise lies in Gigabit, 10 Gigabit and 40 Gigabit Ethernet network access and network connectivity solutions that integrate with monitoring systems, inline networking appliances, IPS, UTM, Load Balancing, WAN acceleration, and other mission-critical IT and security appliances.

Flagship product lines include [hardware load-balancers](#), [specialized 10GE internal server adapter cards](#), switches, [10 Gigabit external intelligent Network TAP](#) and [Bypass](#) and [failover](#) systems that increase network visibility capabilities, network reliability and inline appliance availability.

Company Headquarters is located in San Jose, CA with satellite offices in Hong Kong and Europe.



Contact Interface Masters

150 East Brokaw Rd, San Jose, CA 95112
Phone: 408-441-9341 x122
Fax: 815-364-0888
Email: sales@interfacemasters.com
Web: www.interfacemasters.com

Interface Masters
TECHNOLOGIES
Innovative Network Solutions