

Overview

The Niagara 4330-8X is a 30 Port 40 Gigabit QSFP, 8 Port 10 Gigabit SFP+ Hardware PacketMaster for network analysis and monitoring applications. This high port density system can handle 1.2 Terabytes per second of throughput. The PacketMaster has flexible and extensive configuration options which enable it to be tailored to customize the way traffic is managed. The system can support L2-L4 packets, IPv6 and IPv4 traffic, MPLS packets and provides the ability to customize keys for distribution. The 30 Ports supports 40G QSFP media while the 8 ports support 1 gigabit or 10 Gigabit Ethernet with SFP and SFP+ support including multi mode, single mode and extended mode fiber.

The PacketMaster provides sophisticated features for flexible traffic management including mirroring to multiple ports, aggregation of multiple ports to a single port, and an extensive filtering engine. There are several session based load balancing methodologies supported which enable traffic to be distributed according to any configured output of ports and the distributing keys can be defined as follows:

- VLAN ID
- IP-Src, IP-Dst
- MAC-Src, MAC-Dst
- TCP-Port
- UDP-Port
- User Defined Byte (UDB) - the key for distribution is configurable



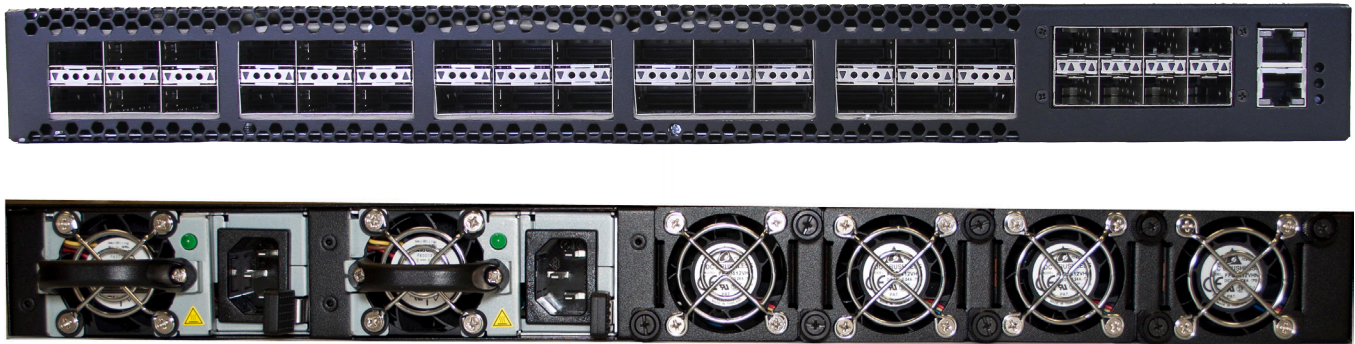
Features

- 30 x 40Gb QSFP ports and 8 x 10Gb/1Gb SFP+ ports
- Mirroring (One to many and many to many)
- Session Based Loadbalancing/Distribution (One to Many)
- Aggregation (Many to One)
- Extensive Layer 2-4 Filtering – 2000+ filtering and redirection rules
- Packet Slicing
- IPv6 support
- MPLS, Q in Q support
- Port Failover Mechanism
- Advanced Management - Syslog, TACACS+, RMON, secure WEB, CLI, SSH, counters
- Web GUI - intuitive “drag and drop” & “point & click” configuration of input ports, output ports and filters
- 1U Rack-mount Form Factor
- Dual AC or DC Redundant removable power supplies for maximum reliability
- Front to back and back to front airflow (factory configurable)
- RoHS Compliant
- FCC Class A, UL & CE Certifiable

System Characteristics

- Max system throughput 1.2 Tbps
- Support for QSFP and SFP and SFP+ (SR, LR, ER, SX, LX, TX)
- LC connectors
- 1U chassis
- Serial console and Ethernet management port

Niagara 4330-8X Front and Back View



Ordering Part Numbers

Part Number	Description
Niagara 4330-8X-NO SFP	30 40Gb ports and 8 10Gb port Network Packet Broker/PacketMaster - No SFP+

Environmental

Operating Temperature	0 to 45 °C or 32 to 113 °F
Operating Humidity	5 to 95%
Maximum Power Consumption	325 Watts

Dimensions

	mm	inches
Length	508.00	20.00
Width	440.182	17.33
Height	44.45	1.75

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.



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Innovative Network Solutions