

Overview

Niagara 3231 family is a Single segment 40 Gigabit Link Aggregation TAP with 40G network traffic monitoring capabilities and passive failover/bypass capabilities for guaranteed uptime. The Niagara 3231 can support multiple TAP methodologies and configurations as well as Multi-Mode fiber and Single-Mode fiber media. The system architecture is designed for flexibility, enabling Niagara 3231 to operate in various modes including Split TAP, Aggregation TAP, and packet injection. Additionally, the system supports a full suite of secure management including industry-standard management and logging tools. The Niagara 3231 is designed to integrate with IDS/IPS, Sniffers, Analyzers, Probes, Firewalls, QoS, UTM, Traffic Management and Enterprise IT security appliances.



Essential Features

Niagara 3231 provides major features that are essential in today's data centers:

- Split TAP and Link aggregation TAP support
- Packet Injection capabilities
- Passive Bypass which is essential during power loss
- 40 Gigabit QSFP+ Multi Mode (SR) and Single mode (LR) support
- Hot-Swappable Redundant power supplies for maximum reliability
- Dedicated Management Port and Console Port
- Extensive CLI and WEB based management
- SSH and HTTPS for secure Management
- TACACS+ authentication
- Syslog support
- NTP and Time Zone
- EMC, FCC Class A, UL (Safety) Certifications

Highly Reliable

Niagara 3231 family utilizes two redundant hot swappable power supplies for maximum reliability.

Niagara 3231 family deploys passive bypass for fail safe operation.

Management Software

Niagara 3231 management supports:

- Web based management via a secure HTTPS connection
- Extensive CLI interface
- SSH connectivity over the management port
- SNMP traps on defined events
- E-mail notification on defined events
- TACACS+ authentication
- Syslog support

Ordering Part Numbers

Part Number	Description
Niagara 3231-SR	Single segment 40G Multi Mode Link Aggregation TAP system; NO QSFP+ modules included
Niagara 3231-LR	Single segment 40G Single Mode Link Aggregation TAP system; NO QSFP+ modules included

Applications



Environmental

Operating Temperature	0 to 55 °C or 32 to 131 °F
Operating Humidity	5 to 95%
Maximum Power Consumption	125 Watts
Airflow	100 lf/m

Dimensions

	mm	inches
Length	425.45	16.75
Height	44.45	1.75
Width	527.05	20.75

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.



Contact Interface Masters

227 Devcon Dr., 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