



# NIAGARA 2292

## Passive Bypass Switch supporting Copper, Multi-Mode and Single-Mode Fiber Gigabit Ethernet options

Niagara 2292 is a desktop form-factor Passive Bypass Switch supporting Copper, Multi-Mode and Single-Mode Fiber Gigabit Ethernet options. Niagara 2292 is designed with a built-in programmable bypass circuit to provide failsafe operations and maximum uptime for any network link. The bypass circuit operates in absence of power.

Niagara 2292 is designed to detect an in-line appliance malfunction such as a software crash, power failure or link loss, and automatically re-route network traffic away from the in-line device directly through the network link. Once the system is back up or the power is restored to the appliance, network traffic is seamlessly diverted back to the in-line device, allowing it to resume its critical functions.

This External Passive Bypass Switch is designed to integrate with in-line networking servers and high-end appliances requiring high speed networking and mission-critical bypass/failover capabilities.



### ESSENTIAL FEATURES

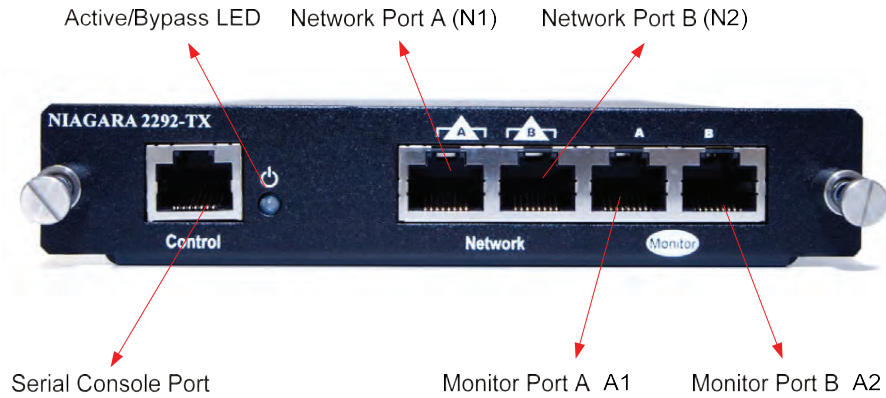
- 1000 BASE-LX, 1000 BASE-SX and 10/100/1000 BASE-T Support
- Multi-Mode Fiber, Single-Mode Fiber and Gigabit Copper Options
- LC and SC cable support
- Two Gigabit Ports to create a network link
- Two Gigabit Ports to connect an inline appliance
- Passive Bypass which is essential during power loss or software crash
- Programmable heartbeat interval
- Programmable "Fail-Closed" or "Fail-Open" while in the power-off state
- Dedicated RS-232 control port for simple Heartbeat Interval programming
- Active/Bypass Status LED
- 12V Power Supply Included
- Low power consumption 0.3W maximum power
- Compact Desktop form factor

### CERTIFICATIONS

- Full RoHS compliance
- EMC, FCC Class A, UL (Safety) Certifications



## FRONT VIEW



## ENVIRONMENTAL

Operating Temperature	0%–90%, non-condensing
Operating Humidity	0°C – 50°C (32°F - 122°F)
Maximum power consumption	-20°C to 65°C (-4°F to 149°F)

## DIMENSIONS

	mm	inches
Length	179.9	7.08
Height	27.95	1.10
Width	120.5	4.75

## ORDERING PART NUMBERS

Part Number	Description
Niagara 2292-TX	Copper 10/100/1000BASE-T External Passive Bypass Switch
Niagara 2292-SX	Multi-Mode Fiber 1000BASE-SX External Passive Bypass Switch
Niagara 2292-LX	Single-Mode Fiber 1000BASE-LX External Passive Bypass Switch

## ABOUT NIAGARA NETWORKS

Niagara Networks is a Network Visibility industry leader, with emphasis in 1/10/40/100 Gigabit systems including Network TAPs, Bypass Switches, and Network Packet Brokers that integrate with monitoring systems, inline networking appliances, IPS, UTM, Load Balancing, WAN acceleration, and other mission-critical IT and security appliances. Formerly part of Interface Masters, a Silicon Valley based network solutions company, Niagara Networks recently spun off from Interface Masters to focus on its core competencies, and developed an independent company identity.

Niagara Networks offers the highest port-density systems, the most complete hybrid systems, and the highest quality and feature-rich Bypass Solutions in the market. Niagara's unique and modular designs, innovative next generation Network Visibility technology, including the 100 Gigabit-capable Network Packet Broker with hybrid functionality, and the ability to tailor systems to exact customer specifications, allow it to lead the industry with high quality, innovative products and exceptional service. For more information, please go to: [www.niagaranetworks.com](http://www.niagaranetworks.com)

## PRODUCT LINE

- NIAGARA PACKET BROKERS
- BYPASS SOLUTIONS
- NETWORK TAPS
- ADVANCED PACKET MANAGEMENT

## CONTACT

+1 408 622 0354

+1 408 213 7529

[sales@niagaranetworks.com](mailto:sales@niagaranetworks.com)

150 E. Brokaw Rd., San Jose, Ca 95112

[www.niagaranetworks.com](http://www.niagaranetworks.com)

