

Plug & Play

Niagara 901 is a single port 10GBASE-T to 10GBASE-R media converter. The product allows the leveraging of infrastructure investment by converting 10GBASE-R to 10GBASE-T bi-directionally with no packet loss. The Niagara 901 is being offered in a tabletop form factor which can be rackmounted. The media converter comes with SFP+ multi mode or SFP+ single mode media and the 10GBASE-T media can be used and deployed over both new Category 6A as well as installed Category 6 UTP copper Ethernet cabling. The Niagara 901 is designed to integrate with testing appliances, datacenter servers, UTM, Firewall, WAN Acceleration, QoS, IPS, IDS and Enterprise IT security appliances.



Essential Features

Niagara 901 provides major features that are essential in today's data centers:

- Single port 10GBASE-T (RJ-45) support
- Single port 10GBASE-SR or 10GBASE-LR support
- Full Duplex Media Conversion with no packet loss
- Low Latency – 1.55 μ sec
- Supports transmission distance up to 90M
- Plug and play – no additional drivers/configuration required
- Compact form factor: 7.80 inches by 4.4 inches
- Rackmountable with additional brackets (up to 3 in a row)
- Cost-effective alternative to replacing expensive network equipment due to media incompatibility
- Data center cost saving by connecting Fiber 10G Ethernet ports to 10G copper ports
- AC 90V~240V to 12V DC adapter
- Full RoHS compliance
- EMC, FCC Class A Certifications

Environmental

Operating Temperature	0 to 55 °C or 32 to 131 °F
Operating Humidity	5 to 95%
Maximum Power Consumption	8 Watts
Airflow	100 lf/m

Dimensions

	mm	inches
Length	198.12	7.80
Height	28.7	1.13
Width	111.76	4.4

Ordering Part Numbers

Part Number	Description
Niagara 901-SR	Single Port 10GBASE-T to 10GE SFP+ SR Fiber Converter
Niagara 901-LR	Single Port 10GBASE-T to 10GE SFP+ LR Fiber Converter

Product Line

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

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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