

# Network Packet Broker without Passive TAPs

1U NPB supporting 100G, 40G, 25G, and 10G network speeds



Garland Technology’s Network Packet Broker without Passive TAPs is a full featured packet broker with eight (8) 100 Gigabit fixed ports. It supports network speeds of 10G, 25G, 40G, and 100G. The fixed ports utilize internal optics with either Single Mode or Multimode connectors on the faceplate giving you the capability to connect to fiber environments. There are twenty-four (24) QSFP+ 100G, 40G, 4x25G and 4x10G ports.

## BENEFITS

- Packet Broker ports can be input or output ports
- Reduce the quantity of monitor links to a number that is more manageable for the out of band network tool or tools
- Security and monitoring tools receive 100% of the packets
- No dropped packets ensuring reliable visibility
- Free up ports on an existing (and possibly expensive) Network Packet Broker
- Achieve greater ROI out of deployed 10G tools
- Reduce network complexity
- Enable infrastructure upgrades
- Facilitate traffic growth
- Compatible with MSA compliant QSFP+ transceivers

### PROTECT

- Multiple monitoring and security tools receive the same copies of traffic
- Eliminate single points of failure
- Maintain network uptime

### ENHANCE

- Port splitting functionality
- Supports jumbo frames
- Flow replication and port mirroring
- Filtering & Load Balancing
- 1024 Ingress Filter & 1024 Egress Filters

### SIMPLIFY

- Simple easy to use GUI management
- Rest API for integration
- Hot swappable, dual power supplies

### COUNTRY OF ORIGIN: USA

- TAA Compliant

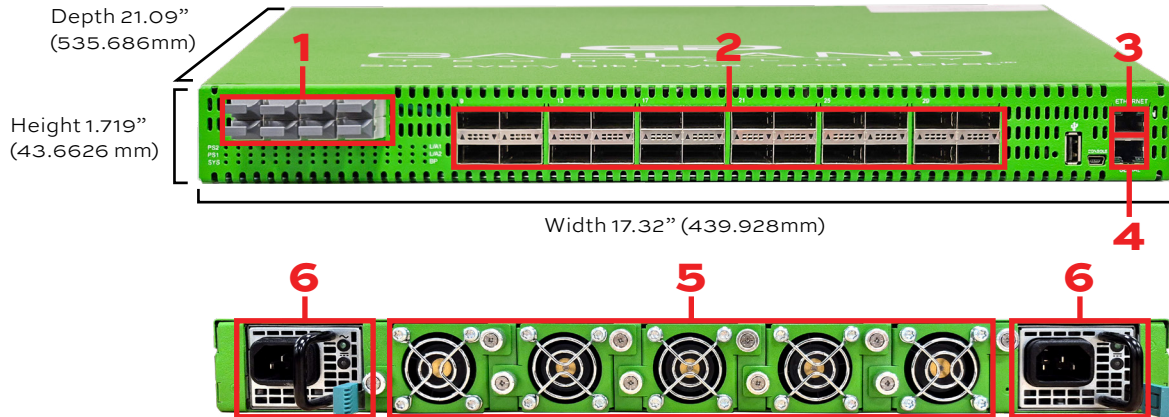
## Ordering Information

Part #	Network Speed	Fixed Ports	Packet Broker Ports
<b>INT100G8SR24-SP</b>	10G/25G/40G/100G	(8) MMF 100 Gigabit-SR4 Ports	(24) QSFP+ Ports 100G/40G/4x25G/4x10G
<b>INT100G8LR24-SP</b>	10G/25G/40G/100G	(8) SMF 100 Gigabit-LR4 Ports	(24) QSFP+ Ports 100G/40G/4x25G/4x10G



## HARDWARE KEY

1. Eight (8) 100G SR4 or LR4 Ports
2. Twenty-Four (24) 100G/40G/4x25G/4x10G QSFP+ Ports
3. Ethernet Port
4. Serial Port
5. Fans
6. Dual Power Supplies



## SPECIFICATIONS

- Network speed: 10G/25G/40G/100G
- Operating Temp: 0 to 40° C  
or 32 to 104° F
- Operating Humidity: 5 to 95%

## KEY FEATURES

- Aggregate network traffic to a single or multiple tools
- Session/flow aware load balancing
- Configurable hash-based load balancing
- Flow replication and port mirroring

## PACKAGE CONTENTS

- One (1) INT100G8xx24-SP
- Two (2) Power Cords
- One (1) Set of Mounting Ears
- One (1) Set of Screws for Mounting Ears
- One (1) Set of Rack Screws
- One (1) Serial Cable

- Rest API for integration
- Supports filtering and load balancing
- User defined filters for Layer 2, 3, and 4
- 1024 ingress filter & 1024 egress filters



Have Questions?

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