

Network Packet Broker without Passive TAPs

1U NPB with Eight Fixed Ports for 1G, 10G, and 40G network speeds



Garland Technology's Network Packet Broker without Passive TAPs is a full featured packet broker with eight (8) fixed ports (either 1G-SX/10G-SR MMF or 1G-LX/10G-LR SMF). It supports network speeds of 1G, 10G, and 40G. 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 (32) SFP+ 1G/10G ports and (4) QSFP+ 40G ports. The QSFP+ ports can be 4x10G as well.

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 1G tools
- Reduce network complexity
- Enable infrastructure upgrades
- Facilitate traffic growth
- Compatible with MSA compliant SFP+ & 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

SIMPLIFY

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

COUNTRY OF ORIGIN: USA

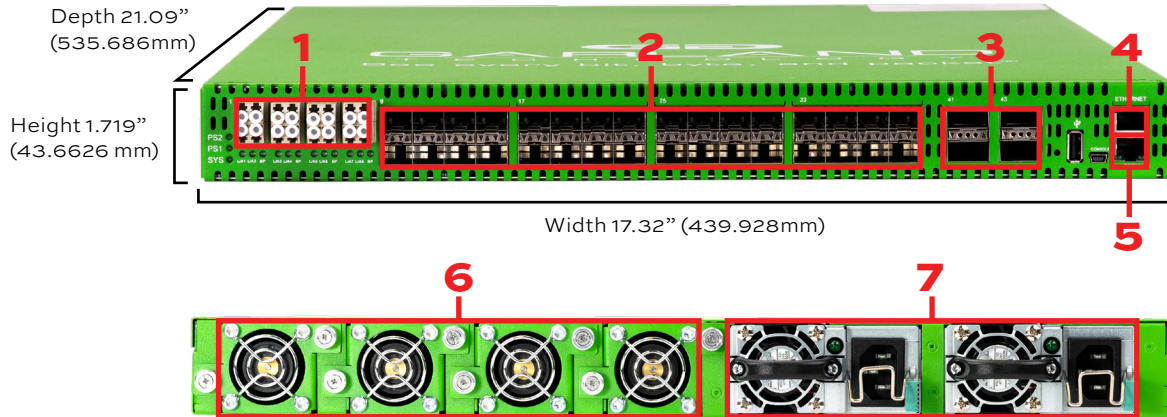
- TAA Compliant

Ordering Information

Part #	Network Speed	Fixed Ports	Packet Broker Ports
INT10G8SR56-SP	1G/10G/40G	(8) MMF 1G-SX / 10G-SR Ports	(32) 1G/10G SFP/SFP+ Ports (4) 40G QSFP+ Ports
INT10G8LR56-SP	1G/10G/40G	(8) SMF 1G-LX / 10G-LR Ports	(32) 1G/10G SFP/SFP+ Ports (4) 40G QSFP+ Ports

HARDWARE KEY

- 1.** Eight (8) 1G/10G Fiber ports **2.** Thirty-Two (32) 1G/10G SFP/SFP+ Ports **3.** Four (4) 40G QSFP+ Ports
4. Ethernet Port **5.** Serial Port **6.** Fans **7.** Dual Power Supplies



SPECIFICATIONS

- Network speed: 1G / 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) INT10G8xx56-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
- The Blade(s) ordered based on geography

- Rest API for integration
- Supports filtering and load balancing
- User defined filters for Layer 2, 3, and 4
- 1k filters (full line rate filtering) that are user defined



Have Questions?

sales@garlandtechnology.com | +1 716.242.8500 | GarlandTechnology.com

