Network TAP + Packet Broker Hybrid
1U NPB with (4) Built-in TAPs

Garland Technology's Network TAP + Packet Broker hybrids combine four (4) passive 1/10G optical TAPs with thirty-two (32) 1/10G and four (4) 40G QSFP+ packet broker ports in a 1U chassis. The design delivers full-duplex TAP visibility for out-of-band monitoring, with line-rate aggregation, L2–L4 filtering, flow-aware (hash-based) load balancing, and replication so multiple tools receive exactly the traffic they need while you save rack space and budget. Remote management, utilization alerts, TACACS+ integration, and an open REST API simplify operations. As with all Garland Technologies products, there are no port or feature licenses ever.

PROTECT
- Passive, out-of-band visibility via built-in 1/10G passive TAP (full-duplex)
- Replicate to multiple tools with flow replication / port mirroring
- Aggregation + load balancing keep tools within capacity for continuous coverage

ENHANCE
- Line-rate filtering: up to 900 ingress / 256 egress rules
- VLAN/MPLS tag add/strip
- Flow-aware, hash-based load balancing
- Jumbo frames supported
- QSFP+ ports can be 4x10G

SIMPLIFY
- Web GUI + REST API with remote management
- Utilization alerts and quick setup
- Dual AC or DC hot swappable power supplies

COUNTRY OF ORIGIN: USA
- TAA Compliant

KEY FEATURES

- Integrated hybrid platform: Four (4) passive 1/10G optical TAP (Single Mode LR or Multimode SR) with split ratios 50/50, 60/40, 70/30, 80/20, 90/10, plus thirty-two (32) 1/10G SFP SFP+ ports and four (4) 40G QSFP+ ports (network inputs and/or tool outputs)
- Packet broker functions at line rate: aggregation, L2–L4 filtering, and replication/port mirroring
- Flow-aware load balancing: with configurable L2–L4 hashing
- Made, tested, and supported in the USA

- Supports MAC, IPv4, VLAN/QinQ, Ethertype, IP protocol, TCP/UDP ports, UDF; MPLS match; VLAN/MPLS tag add/strip
- Management Web GUI, REST API, TACACS+, Syslog, NTP, utilization alerts, remote management
- Power: dual hot-swappable PSUs (AC standard; optional – 48 V DC kit)
- Filtering capacity: up to 900 ingress and 256 egress user-defined filters

HARDWARE KEY

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

Depth 21.09" (535.686mm)

Height 1.719" (43.6626 mm)

Width 17.32" (439.928mm)
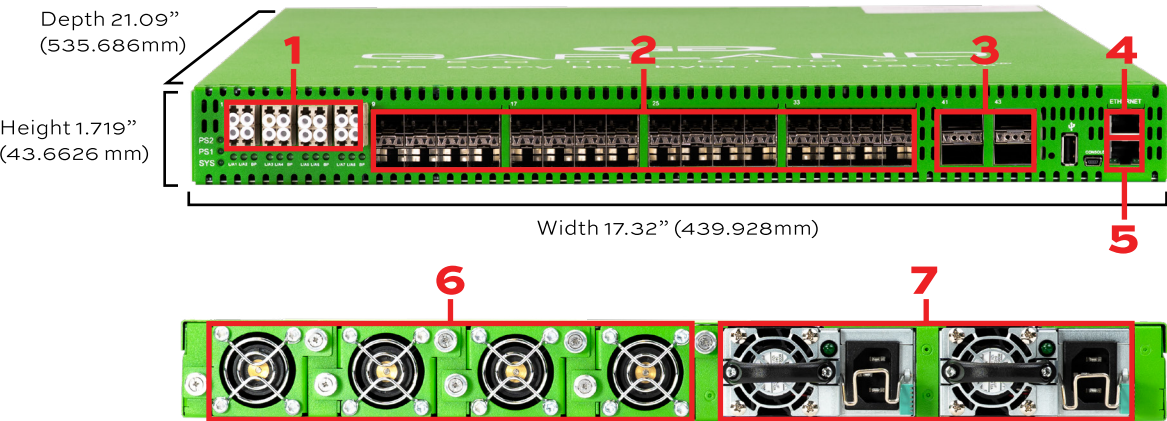
SPECIFICATIONS

- Network speed: 1G / 40G
- Operating Temp: 0 to 40° C
  or 32 to 104° F
- Operating Humidity: 5 to 95% non-condensing
- Airflow: 100 IF/m

PACKAGE CONTENTS

- One (1) product
- Two (2) Power Cords
- One (1) Set of Mounting Ears
- One (1) Set of Screws for Mounting Ears
- One (1) Set of Rack Screws
- The Blade(s) ordered based on geography

Product Number	Network Speed	Fixed Ports	Split Ratio
INT10G8SR56-5	(4) 1G/10G SR MMF TAPs	(32) 1G/10G SFP/SFP+ Ports (4) 40G QSFP+ Ports	50/50
INT10G8SR56-6	(4) 1G/10G SR MMF TAPs	(32) 1G/10G SFP/SFP+ Ports (4) 40G QSFP+ Ports	60/40
INT10G8SR56-7	(4) 1G/10G SR MMF TAPs	(32) 1G/10G SFP/SFP+ Ports (4) 40G QSFP+ Ports	70/30
INT10G8SR56-8	(4) 1G/10G SR MMF TAPs	(32) 1G/10G SFP/SFP+ Ports (4) 40G QSFP+ Ports	80/20
INT10G8SR56-9	(4) 1G/10G SR MMF TAPs	(32) 1G/10G SFP/SFP+ Ports (4) 40G QSFP+ Ports	90/10
INT10G8LR56-5	(4) 1G/10G LR SMF TAPs	(32) 1G/10G SFP/SFP+ Ports (4) 40G QSFP+ Ports	50/50
INT10G8LR56-6	(4) 1G/10G LR SMF TAPs	(32) 1G/10G SFP/SFP+ Ports (4) 40G QSFP+ Ports	60/40
INT10G8LR56-7	(4) 1G/10G LR SMF TAPs	(32) 1G/10G SFP/SFP+ Ports (4) 40G QSFP+ Ports	70/30
INT10G8LR56-8	(4) 1G/10G LR SMF TAPs	(32) 1G/10G SFP/SFP+ Ports (4) 40G QSFP+ Ports	80/20
INT10G8LR56-9	(4) 1G/10G LR SMF TAPs	(32) 1G/10G SFP/SFP+ Ports (4) 40G QSFP+ Ports	90/10

Have Questions?

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TECHNOLOGY
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