

# XtraTAP™: Packet Broker

1G/10G/40G | 1U High Density design | Filtering, Aggregating and Load Balancing



Visibility starts with the packet. A network TAP (test access point) is a hardware device that allows you to access and monitor your network traffic by copying packets without impacting or compromising network integrity.

The XtraTAP™: Packet Broker is a purpose-built hardware device that supports passive network tapping combined with advanced filtering, aggregation and load balancing, guaranteeing your tools see every bit, byte, and packet.®

This high density network TAP Packet Broker hybrid, is designed to provide packet visibility and optimize network traffic, to improve security and monitoring tool performance, while saving rack space. Filtering and load balancing reduces the process burden on tools with unneeded data. Providing optimized tapped traffic for multiple tools.

## Key Features

- Four (4) 1G/10G passive network TAPs
- (32) 1G/10G and four 40G ports with packet broker functionality for out-of-band monitoring appliances
- Supports filtering, aggregation, load balancing and regeneration
- Aggregate network traffic to a single or multiple tools (1:1, 1:N, N:1, N:N)
- Port splitting functionality
- Session/flow aware load balancing
- Configurable hash-based load balancing
- Flow replication and port mirroring
- TACACS+ authentication
- Syslog and NTP support
- Dual AC or DC hot swappable power supplies.
- Simple easy to use GUI management
- Rest API for integration
- Made, tested and supported in the USA

## Filter Features

- 1k filters (full line rate filtering)
- Configurable filters and Egress port filtering
- User defined filters for Layer 2, 3, and 4
- IPv4 and UDF Filter support
- IPv4, MAC, L4Port, VLAN, Ethertype, IP protocol
- Supports MPLS tagging and stripping, single and stacked
- Supports VLAN tagging and stripping, QinQ support
- Packet modification - VLAN Tagging

## APPLICATIONS

- TAP 10G links and deliver data to 1G, 10G and 40G tools — get more ROI out of your 1G tools
- High Density filtering, aggregation, and load balancing
- Improve tool functionality by optimizing traffic and reducing processing burden
- Easily monitor Ethernet Channel links

## Competitive Edge

- Industry leading advanced TAP filtering and TAP aggregation
- Easy port configuration
- Unique hybrid design
- Exclusive easy remote management
- Tested and Certified



## Have Questions?

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Design-IT Demo  
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Model #	Ports	Network Speed	Network TAPs	Split Ratio	10G Ports	40G Ports	Power	Dual Hot Swap Power*
INT10G8SR56-5		1G/10G/40G	(4) MMF 1G-SX /10G-SR	50/50	(32) 1G/10G SFP+	(4) QSFP+ (4x 10G)	AC Power 195W	Yes
INT10G8SR56-6		1G/10G/40G	(4) MMF 1G-SX /10G-SR	60/40	(32) 1G/10G SFP+	(4) QSFP+ (4x 10G)	AC Power 195W	Yes
INT10G8SR56-7		1G/10G/40G	(4) MMF 1G-SX /10G-SR	70/30	(32) 1G/10G SFP+	(4) QSFP+ (4x 10G)	AC Power 195W	Yes
INT10G8LR56-5		1G/10G/40G	4) SMF 1G-LX /10G-LR	50/50	(32) 1G/10G SFP+	(4) QSFP+ (4x 10G)	AC Power 195W	Yes
INT10G8LR56-6		1G/10G/40G	4) SMF 1G-LX /10G-LR	60/40	(32) 1G/10G SFP+	(4) QSFP+ (4x 10G)	AC Power 195W	Yes
INT10G8LR56-7		1G/10G/40G	4) SMF 1G-LX /10G-LR	70/30	(32) 1G/10G SFP+	(4) QSFP+ (4x 10G)	AC Power 195W	Yes

\*Split ratios are available in 50/50, 60/40, 80/20, or 90/10, please inquire.

Power Supply options	
PS10-HS-DC	Hot Swappable DC -48vdc Power Supplies
PS10-HS-AC	Hot Swappable AC Power Supplies *Two included with each XtraTAP order

Two (2) power supplies are required for each chassis

Available Pluggables & Cables:	
Model #	Description
SFPTX	SFP 10/100/1000 Copper RJ-45 Connector
SFPSX	SFP 1000Base-SX Multi-Mode Fiber LC Connector
SFPLX	SFP 1000Base-LX Single Mode Fiber LC Connector
SFP+SR	SFP+ Dual Speed 1 Gigabit-SX / 10 Gigabit-SR Multi-Mode Fiber LC Connector
SFP+LR	SFP+ Dual Speed 1 Gigabit-LX / 10 Gigabit-LR Single Mode Fiber LC Connector
SFP+SR10G	SFP+ 10Gigabit-SR Multi-Mode Fiber LC Connector - only supports 10G
SFP+LR10G	SFP+ 10Gigabit-LR Multi-Mode Fiber LC Connector - only supports 10G
QSFP+40G	QSFP+ 40 Gigabit-SR Multi-Mode Fiber MPO/MTP-12 Connector
QSFP+40G-LR4	QSFP+LR Single-Mode Fiber LC Connector
QSFP+40GBiDi	QSFP+ 40Gigabit-SR-BiDi Multi-Mode Fiber LC Connector
QSFP28-4SFP28-Cable_1	100 Gigabit Ethernet QSFP28 to (4) x 25 Gigabit Ethernet SFP28 Splitter Cable, 1 Meter
TWINAX1M**	Twinax Copper Direct Connect Cable SFP+ 10Gigabit 1 Meter

\*\*Also available in 5 and 10 meters.

## 1U Chassis Specifications:

Support for: SFP( SX, LX and TX) and SFP+ (SR, LR, ER)  
 Operating Temp: 0 to 40° C or 32 to 104° F  
 Operating Humidity: 5 to 95%  
 Dimensions: 21.09" L x 1.719" H x 17.32" W  
 (535.686mm L x 43.6626 mm H x 439.928mm W)  
 Airflow: 100 IF/m  
 (2) AC Power Supplies Included

## APPROVALS:

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



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