

# PacketMAX™: Advanced Aggregator

1G/10G | Compact 1/2 Rack 1U design | Filtering, Aggregating and Load Balancing



PacketMAX™: Advanced Aggregators are part of Garland Technology's purpose-built network packet broker line. These traffic aggregators are designed for high density filtering, aggregation, replication and load balancing to optimize port utilization of existing infrastructure, or as a stand alone device.

Garland's Advanced Aggregators are scalable and flexible, offering a wide range of options to meet your needs. This 1/2 rack 1U packet broker offers packet broker functionality in small form factor with no additional per-port license fees, allowing you to deploy what you need, when you need it.

We believe that securing and monitoring your network is the ultimate goal. Network packet brokers are critical to accomplishing that goal by providing access and management of network traffic from multiple links to optimize the performance of your network monitoring and security tools.

## Key Features

- (10) 1G/10G 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)
- Session/flow aware load balancing
- Configurable hash-based load balancing
- Simple easy to use GUI management
- Rest API for integration
- Made, tested and supported in the USA

## Filter Features

- 900 ingress filters and 256 egress filters (full line rate filtering)
- Configurable filters and Egress port filtering
- IPv4 support
- IPv4, MAC, L4Port, VLAN, Ethertype, IP protocol
- QinQ support

## APPLICATIONS

- Deliver data to 1G, 10G tools — get more ROI out of your 1G tools
- Filtering, aggregation, and load balancing
- Improve tool functionality by optimizing traffic and reducing processing burden

## Competitive Edge

- Unique 1/2 Rack design
- Easy port configuration
- Tested and Certified



## Have Questions?

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Design-IT Demo  
[garlandtechnology.com/design-it](http://garlandtechnology.com/design-it)

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Model #	Ports	Network Speed	10G Ports	Power
GAA10G10AC		1G/10G	(10) SFP+	AC Power 120W

## 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
TWINAX1M**	Twinax Copper Direct Connect Cable SFP+ 10Gigabit 1 Meter

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

## 1/2 Rack 1U Chassis Specifications:

Max. system throughput:  
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: 17.5" L x 1.72" H x 8.25" W  
(444.5mm L x 43.68 mm H x 209.55mm W)  
Airflow: 50 IF/m  
Fixed AC Power (2)

## APPROVALS:

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