GARLAND
TECHNOLOGY

See every bit, byte, and packet®

PacketMAX™: 1G Advanced Aggregator
1G/10G | 1U Chassis | 52 Port | Filtering, Aggregating and Load Balancing

The PacketMAX™: 1G Advanced Aggregator is a network aggregator, designed for use in branch locations or at the network edge. The system can be used to optimize port utilization of existing infrastructure, or as a stand alone device in L2-L4 filtering applications. In branch applications the system can filter and tunnel traffic to a central location for processing.

There are no additional per-port license fees, and it is compatible with MSA compliant SFP+ pluggables/transceivers.

APPLICATIONS:

❯ Aggregation of multiple 1G Copper TAP/SPAN ports for use with 10G Tools

❯ High Density filtering, aggregation and load balancing

❯ Aggregation solution for small and large data centers

❯ Ideal for branch locations to filter and tunnel traffic to a central processing location

Key Features

- Aggregate network traffic to a single or multiple tools (1:1, 1:N, N:1, N:N)
- Supports 10M/100M/1G/10G network speeds
- OpenFlow/SDN enabled
- IPv4/IPv6 and UDF Filter support
- Start and Terminate GRE Tunnels
- Start and Terminate VXLAN Tunnels
- Up to 52 fully supported ports - no additional per-port license fees

- Supports jumbo frames
- Hot swappable, dual AC power supplies
- 1k filters
- Session/flow aware load balancing
- Configurable hash-based load balancing
- Flow replication and port mirroring
- Data burst buffering
- Management through GUI, and SNMP

Competitive Edge
- Open Network Install Environment
- Purpose built aggregation device
- Full L2-L4 filter support
- VLAN tagging and stripping
- GRE Tunneling & Termination

TESTED CERTIFIED GUARANTEED

FILTERS:
- User defined filters for Layer 2, 3, and 4
- IPv4/IPv6, MAC, L4Port, VLAN, Ethertype, IP protocol
- Supports GRE Tunneling and Termination

- Supports VLAN stripping, QinQ support
- Full line rate filtering
- Packet modification

Have Questions?

sales@garlandtechnology.com
+716.242.8500
garlandtechnology.com

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Advanced Aggregator options							
Model #	**Ports**	**Network Speed**	**1G Ports**	**10G Ports**	**Power**	**Watts**	**SNMP /Syslog support**
AA1G52ACv2		1/10G	(48) RJ45	(4) SFP+	AC Power	117W	Yes

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+SR10	SFP+ 10Gigabit-SR Multi-Mode Fiber LC Connector - only supports 10G
SFP+LR10	SFP+ 10Gigabit-LR Multi-Mode Fiber LC Connector - only supports 10G
TWINAX3M	Twinax Copper Direct Connect Cable SFP+ to SFP+ 10Gigabit, Pre-Cut 3 Meter*

*Also available in 5 and 10 meters.

1U Chassis Specifications:
Max system throughput: 88Gbps
Support for: SFP / SFP+, LR, SR, LX, SX, TX
Operating Temp: 0C to 45C
Operating Humidity: 5% to 95% non-condensing
Dimensions: 1.7"H x 17.3"W x 16.1"D
(45mm H x 440mm W x 350mm D)
Weight: 14.0 LBS

New York + Texas + Germany + Australia | GarlandTechnology.com | sales@garlandtechnology.com | +1 716.242.8500

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