

DATA SHEET

# PacketMAX™ Advanced Aggregator

1U network traffic aggregator with a less than 13” depth.



The PacketMAX™ Advanced Aggregator provides aggregation, filtering, load balancing, and replication in a chassis exclusively designed for Fly-Away Kit applications. With 20 SFP+ ports and a 12.76” depth, this Aggregator is an ideal component inside mobile Fly-Away Kits used in the field by government, civilian, and enterprise cyber teams. Rapidly deploy this specially-designed Aggregator to manage and consolidate multiple traffic links from networks anywhere in the world. Lightweight, user-friendly, with no license fees, this Aggregator keeps Fly-Away Kit operators focused on the mission (not on operating a complicated piece of hardware).

### POWERFUL

- Aggregate multiple links
- Filter desired or specific traffic
- Load Balance to network tools

### VERSATILE

- Twenty (20) SFP+ Ports
- Ports are 1G/10G
- Compatible with MSA compliant SFP+ transceivers

### COMPACT

- Depth of 12.76”
- Meets TSA carry-on requirements
- Durable Metal Chassis

### CERTIFICATIONS

- TAA compliant
- RoHS3
- SVHC
- Country of Origin: USA

## Ordering Information

Product Name	Part #	Product Description
PacketMAX™ Advanced Aggregator	GAA10G20AC	Garland Technology PacketMAX: Advanced Aggregator, (20) SFP+ 1/10G Ports, Managed, AC power supply



### Have Questions?

sales@garlandtechnology.com | 716.242.8500 | GarlandTechnology.com

# Deployment Benefits

## As Part of Fly-Away Kit

- Aggregator is easy to transport and fits inside a standard, portable Fly-Away Kit design.
- 20 SFP+ ports are versatile to respond to any onsite requirements - known and unknown.
- 1G and 10G network speeds in one chassis.
- Combine Aggregator with both network TAPs and monitoring or security tools to create network visibility, troubleshoot any network threats, and collect data for future analysis wherever the network data is located.
- Media Conversion: convert media from 1G to 10G and from 10G to 1G.

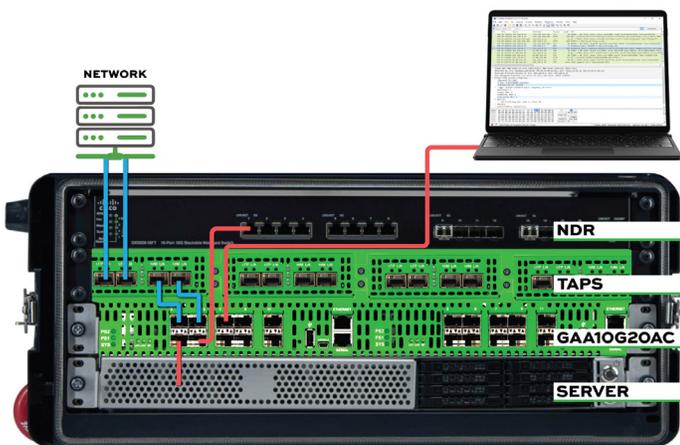
## Management

- Includes a management GUI that is effective and simple to use.
- Drop and drag interface to configure functions and set-up filters.
- Restful API for integrations.

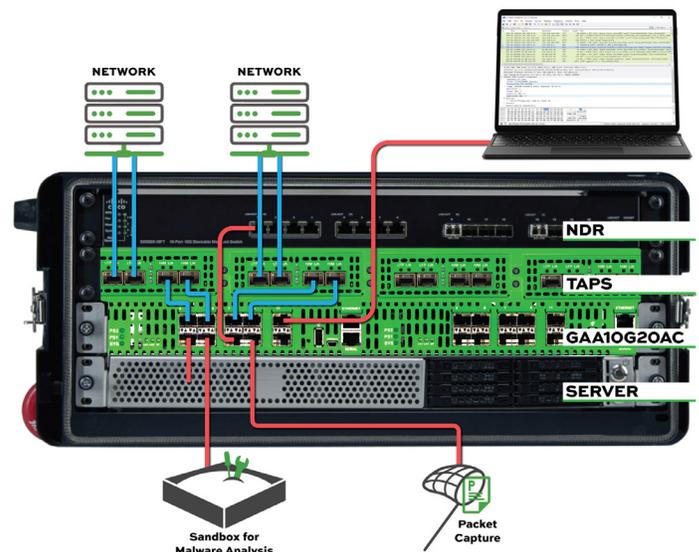
## As an Aggregator

- Aggregate network traffic to a single tool or multiple tools (1:1, 1:N, N:1, N:N).
- Load balance to optimize port utilization on connected tools.
- Advanced filtering for Layers 2, 3, and 4.
- Reduce the quantity of monitor links to a number that is more manageable for the out of band network tool or tools.
- Combine with network TAPs to reduce network complexity.
- Free up ports on an existing (and possibly expensive) Network Packet Broker.
- Deliver relevant traffic to tools.

TAP to Aggregation with 1 TAP



TAP to Aggregation with multiple TAP

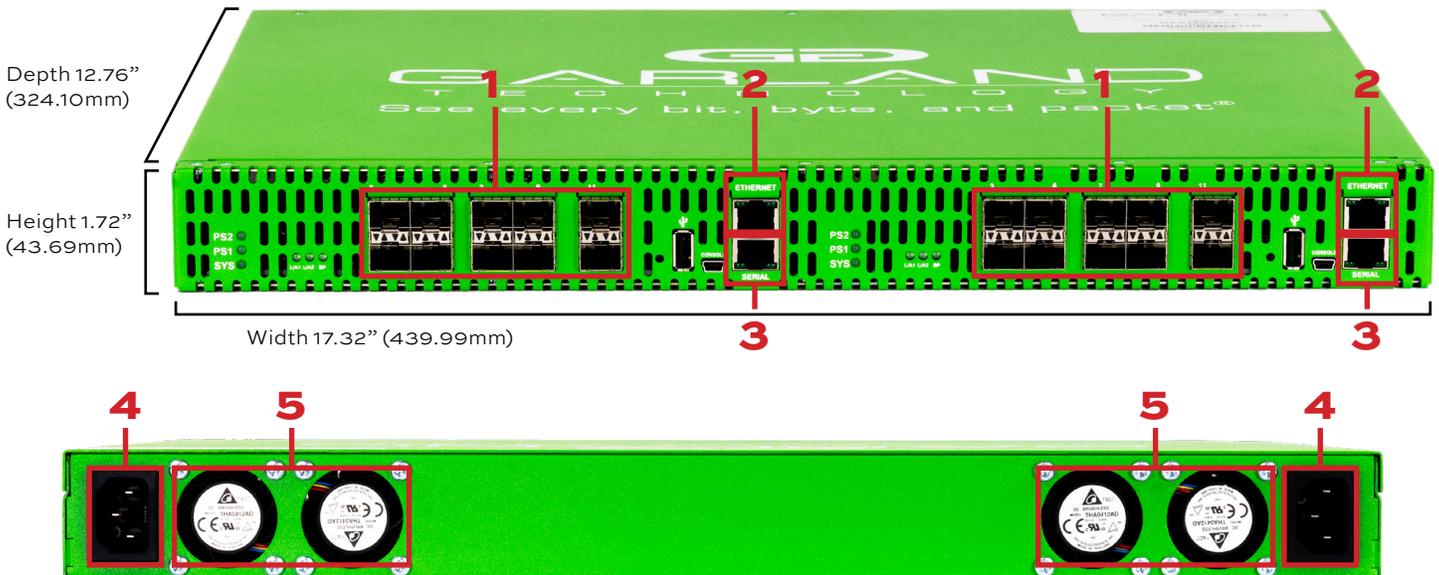


## Have Questions?

sales@garlandtechnology.com | 716.242.8500 | GarlandTechnology.com

## HARDWARE KEY

1. 20x SFP+ 1G/10G Ports 2. Ethernet Port 3. Serial Port 4. Dual Power Supplies 5. Fans



## SPECIFICATIONS

- Operating Temperature: 0°C to +40°C / +32°F to +104°F
- Operating Humidity: 5% to 95%
- Dimensions (HxWxD): 1.72" x 17.32" x 12.76" (43.69mm x 439.99mm x 324.10mm)
- Weight: 13.8 lbs (6.259575kg)
- Max Power Consumption: 240 Watts

## PACKAGE CONTENTS

- One (1) GAA10G20AC
- 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

## Warranty

Garland Technology's standard, manufacturer's warranty covers the first twelve months of product ownership. Extended Return to Factory (RTF) and Premium Technical Support (PTS) warranty plans are available for purchase for supplemental and/or additional coverage options in annual increments.

## Design-IT Demo

Have a complimentary technical discussion about your network, goals, challenges, and upcoming projects with a Garland Technology Engineer. After the meeting, you will receive a professionally-designed solution diagram you can use to consider options with your colleagues.

## Have Questions?

sales@garlandtechnology.com | 716.242.8500 | GarlandTechnology.com

## Accessories

Part #	Product Description
SFP+-10GBiDi-1270-1330	10GBASE-BX SFP+ 1270nm-TX/1330nm-RX 10km DOM Transceiver Module
SFP+-10GBiDi-1330-1270	10GBASE-BX SFP+ 1330nm-TX/ 1270nm-RX 10km DOM Transceiver Module
SFP+LR	SFP+ Dual Speed 1Gigabit-LX / 10Gigabit-LR Single Mode Fiber LC Connector
SFP+LR10G	SFP+ 10Gigabit-LR Single-Mode Fiber LC Connector
SFP+LRM10G	SFP+ 10Gigabit-LRM Multi-mode Fiber 1310nm Wavelength, up to 220m LC Connector
SFP+SR	SFP+ Dual Speed 1Gigabit-SX / 10Gigabit-SR Multi-Mode Fiber LC Connector
SFP+SR10G	SFP+ 10Gigabit-SR Multi-Mode Fiber LC Connector
SFP+T	SFP+ Triple Speed 100M/1G/10G Copper RJ45 Connector
SFP+ZR80	SFP+ 10Gigabit-ZR 80Km Single Mode Fiber LC Connector
SFP-1GBiDi-1310-1550	1000BASE-BX BiDi SFP 1310nm-TX/1550nm-RX 10km DOM Transceiver Module
SFP-1GBiDi-1550-1310	1000BASE-BX BiDi SFP 1550nm-TX/1310nm-RX 10km DOM Transceiver Module
SFPEX40km	SFP 1000Base-EX Single Mode Fiber 1310nm 40km LC Connector
SFPEX90km	SFP 1000Base-EX Single Mode Fiber 1550nm 90km LC Connector, -10/70°C operation
SFPFX	SFP 1310nm LED, 100BASE-FX, MM OC-1/OC-3, LC connector, 40/85°C operation, 2km
SFPLX	SFP 1000Base-LX Single Mode Fiber LC Connector
SFPLX-WB	Wide-band SFP 1000Base-LX Single Mode Fiber LC Connector
SFPSX	SFP 1000Base-SX Multi-Mode Fiber LC Connector
SFPTX	SFP 10/100/1000 Copper RJ-45 Connector
SFPTX1G	SFP 1 Gigabit-TX Copper RJ-45 Connector
SFPZX	SFP 1Gigabit-ZX Single Mode Fiber 1550nm Wavelength, 90KM, LC Connecto
TWINAX10M	Twinax Copper Direct Connect Cable SFP+ 10Gigabit 10 Meter
TWINAX1M	Twinax Copper Direct Connect Cable SFP+ 10Gigabit 1 Pre-Cut Meter
TWINAX3M	Twinax Copper Direct Connect Cable SFP+ 10Gigabit 3 Meter
TWINAX5M	Twinax Copper Direct Connect Cable SFP+ 10Gigabit 5 Meter



### Have Questions?

sales@garlandtechnology.com | 716.242.8500  
GarlandTechnology.com

Have a project and  
need Visio diagrams?

[Click] Design-IT Demo

