

# 40G Advanced Aggregator System

10G/40G/100G | 1U Chassis | 24 Port

Supports Filtering, Aggregating and Load Balancing



The AA40G24AC is a purpose built network aggregator, designed for use in top-of-rack applications 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.

There are no additional per-port license fees, and it is compatible with MSA compliant QSFP/QSFP28 pluggables/transceivers. Flexible port speeds (port splitting) can scale according to network needs (10G/40G/100G) and can be changed within the interface menu.

## Key Features •

- Aggregate network traffic to a single or multiple tools (1:1, 1:N, N:1, N:N)
- Supports 10G/40G/100G network speeds
- IPv4 and UDF Filter support
- Timestamping - Layer 2 Header
- 24 fully supported ports - no additional per-port license fees
- Port splitting functionality
- Supports jumbo frames
- 4,000 filter rules
- Session/flow aware load balancing
- Hash-based load balancing and Round-Robin distribution
- Forward latency, less than 1uscc
- Hot swappable, dual Power Supplies, AC standard, DC available
- Management through CLI, GUI, and SNMP
- RADIUS and TACACS remote user authentication
- sFlow Support

## FILTERS:

- User defined filters for Layer 2, 3, and 4
- IPv4, MAC, L4Port, VLAN, Ethertype, IP protocol
- Supports VXLAN decapsulation/encapsulation
- Supports VLAN Stripping, QinQ support
- Full line rate filtering
- Packet modification

## APPLICATIONS:

- Aggregation of multiple TAP/SPAN ports for increased utilization
- Connect to Network Packet Broker or directly to tools
- High Density filtering, aggregation and load balancing
- Aggregation solution for large and medium size data centers
- Aggregation for enterprise and service provider networks

## Competitive Edge

- Purpose built aggregation device
- Full L2-L4 filter support
- High density system, up to 96x10G ports
- Cisco BiDi support
- VLAN tagging and stripping




## Have Questions?

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Filtering TAP options						
Model #	Ports	Network Speed	40G Port	100G Port	Power Consumption	Watts
AA40G24AC		10/ 40/100G	(20) QSFP+	(4) QSFP28	1+1 load sharing AC Power Supplies	190W

Available Pluggables & Cables:	
Model #	Description
QSFP+40GBiDi	QSFP+ 40Gigabit-SR-BiDi Multi-Mode Fiber LC Connector
QSFP+40G	QSFP+ 40Gigabit-SR Multi-Mode Fiber MPO-12 Connector
QSFP+40-LR4	QSFP+ 40Gigabit-LR4 Single Mode Fiber LC Connector
QSFP28-4SFP28-Cable_1	100 Gigabit Ethernet QSFP28 to (4) x 25 Gigabit Ethernet SFP28 Splitter Cable, 1 Meter

## 1U Chassis Specifications:

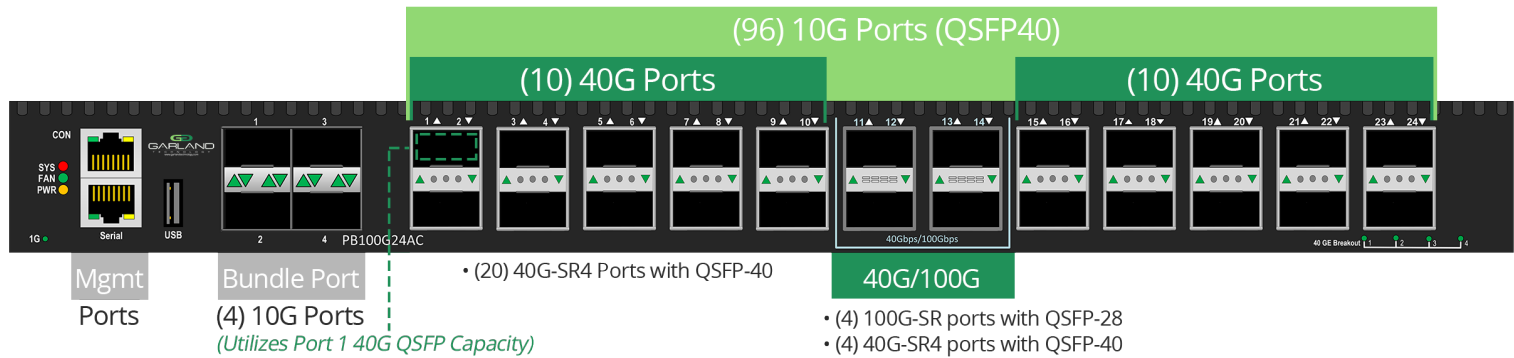
Support for: QSFP+, QSFP28, SFP+ (SR, LR, ER)  
 Operating Temp.: 0C to 50C / 32F to 122F  
 Operating Humidity: 20% to 70% non-condensing  
 Airflow: front to back  
 Voltage: AC: 100v - 240v 50/60Hz

## AA40G24AC Dimensions:

1.75"H x 17.3"W x 18.5"D  
 (44.45 mm H x 439.42mm W x 469.9mm D)

## Port Configuration

Each port can be individually configured for optimum flexibility



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