GARLAND
TECHNOLOGY

See every bit, byte, and packet®

PacketMAX™: 40G Advanced Aggregator

10G/40G/100G | 1U Chassis | 24 Port | Filtering, Aggregating and Load Balancing

The PacketMAX™: 40G Advanced Aggregator 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.

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

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

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

TESTED
CERTIFIED
GUARANTEED

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

Have Questions?

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Advanced Aggregator options

Model #	Ports	Network Speed	40G Port	100G Port	Power Supplies
AA40G24AC		10/40/100G	(20) QSFP+	(4) QSFP28	AC
AA40G24DC		10/40/100G	(20) QSFP+	(4) QSFP28	DC

Available Pluggables & Cables:

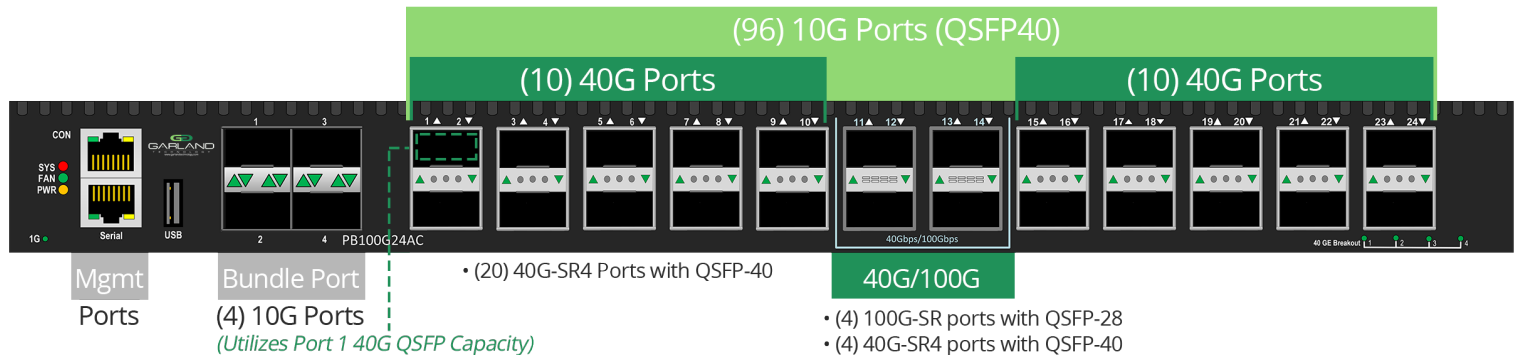| Model #	Description
QSFP+40GBiDi	QSFP+ 40Gigabit-SR-BiDi Multi-Mode Fiber LC Connector
QSFP+40G	QSFP+ 40Gigabit-SR Multi-Mode Fiber MPO-12 Connector
QSFP+40-LR4	QSFP+ 40Gigabit-LR4 Single Mode Fiber LC Connector
QSFP28-4SFP28-Cable_1	100 Gigabit Ethernet QSFP28 to (4) x 25 Gigabit Ethernet SFP28 Splitter 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

(96) 10G Ports (QSFP40)

(10) 40G Ports

(10) 40G Ports

40G/100G

Mgmt Ports

Bundle Port
(4) 10G Ports
(Utilizes Port 1 40G QSFP Capacity)

• (20) 40G-SR4 Ports with QSFP-40
• (4) 100G-SR ports with QSFP-28
• (4) 40G-SR4 ports with QSFP-40

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