

PacketMAX™: 40G Advanced Features

10G/40G/100G | Service Node | Scalable packet processing system



The PacketMAX™: 40G Advanced Features is an advanced feature service node, is a purpose built network aggregator, designed as a standalone platform to extend the feature set of any product. The system is designed to support M: N Flow Copy, traffic aggregation, dynamic load balancing, time stamping and packet slicing. Adding these features can significantly reduce the processing overhead from security or monitoring tools.

Key Features •

- Time stamping
- Packet Slicing
- Hash-based load balancing and Round-Robin distribution
- High Density filtering, aggregation and load balancing
- Aggregate network traffic to a single or multiple tools (1:1, 1:N, N:1, N:N)
- Supports 10G/40G/100G network speeds
- 24 fully supported ports - no additional per-port license fees
- Port splitting functionality
- IPv4 and UDF Filter support
- Supports jumbo frames
- 4,000 filter rules
- Session/flow aware load balancing
- 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

Solutions:

Garlands AF10G72AC is ideal for:

- Adding advanced features to existing equipment
- Supplementing features of new installs

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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Advanced Features options					
Model #	Ports	Network Speed	40G Port	100G Port	Power Supplies
AF40G24AC		10/40/100G	(20) QSFP+	(4) QSFP28	AC
AF40G24DC		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:

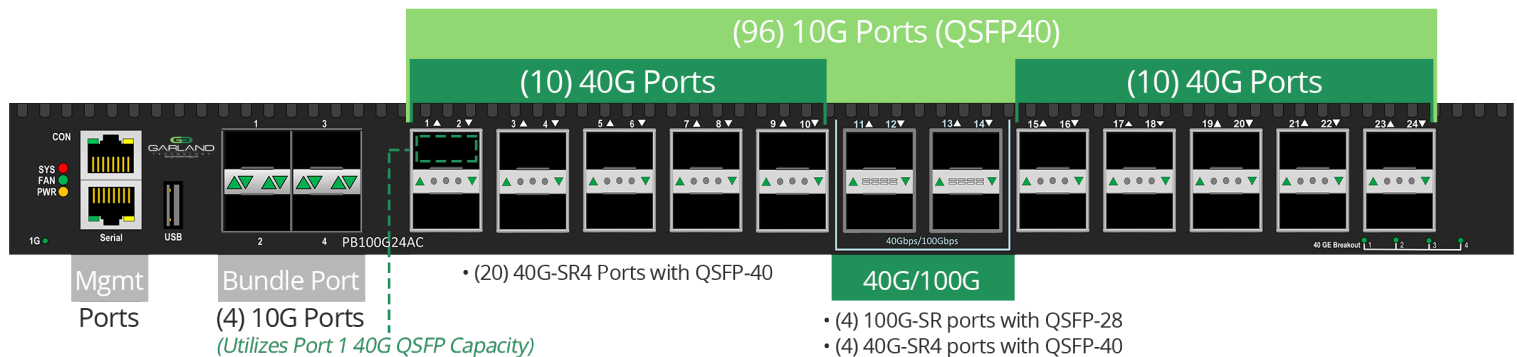
Support for: QSFP+, QSFP28, SFP+ (SR, LR, ER)
 Operating Temp.: 0C to 50C / 32F to 122F
 Operating Humidity: 20% to 70% non-condensing
 Airflow: front to back
 Voltage: AC: 100v - 240v 50/60Hz

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



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