GARLAND TECHNOLOGY

See every bit, byte, and packet®

DATASHEET

1U 32 Port Network Packet Broker

For 10G, 25G, 40G, and 100G Networks



IT teams deploy multiple security and monitoring tools that require access to network traffic for analysis, threat detection, and compliance reporting. However, sending raw network traffic directly to these tools creates significant processing overhead, reduces tool efficiency, and can overwhelm expensive security appliances with unnecessary data.

BENEFITS

- Packet Broker ports can be input or output ports
- Reduce the quantity of monitor links to a number that is more manageable for the out of band network tool or tools
- Security and monitoring tools receive 100% of the packets
- No dropped packets ensuring reliable visibility
- Encapsulate and decapsulate L2GRE/VxLAN
- Free up ports on an existing (and possibly expensive) Network Packet Broker
- Achieve greater ROI out of deployed 10G/25G tools
- Reduce network complexity
- Enable infrastructure upgrades
- Facilitate traffic growth
- Compatible with MSA compliant SFP+ & QSFP+ transceivers

PROTECT

- Multiple monitoring and security tools receive the same copies of traffic
- Eliminate single points of failure
- Maintain network uptime

ENHANCE

- Port splitting functionality
- Supports jumbo frames
- Flow replication and port mirroring

SIMPLIFY

- Simple easy to use GUI management
- Rest API for integration
- Hot swappable, dual power supplies

Ordering Information

Part #	Product Description
INT100G32QFE-AC	1U Network Packet Broker: (32) QSFP28 Ports 100G/40G/4x25G/4x10G, 2 AC
INT100G32QFE-AC_T	1U Network Packet Broker: (32) QSFP28 Ports 100G/40G/4x25G/4x10G, 2 AC, TAA Compliant

Have Questions?

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Technical Specifications

SPECIFICATIONS

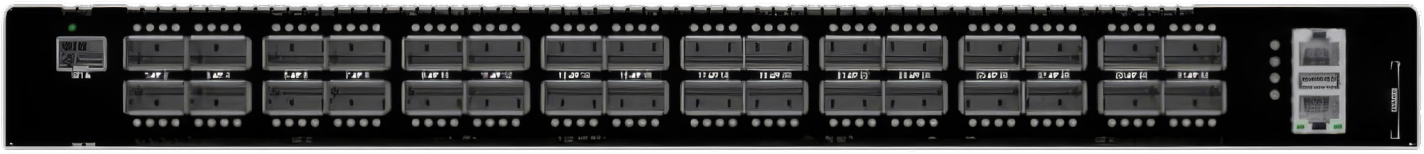
- Dimensions (H×W×D): 1.73" x 17.1" x 20.5" (44 mm x 438 mm x 520 mm)
- Air Flow Option: Front to Rear
- Hot Swappable Fans: 4

POWER REQUIREMENTS

- Power Input (VAC): 100-240VAC (47-63Hz) & 180-300VDC
- Power Consumption (W): Under 500W peak consumption with maximum optics

ENVIRONMENTAL

- Operating Temperature (airflow front to back) : 0° - 45° C
- Operating Relative Humidity: 5% to 95%



Ports 1-32 - 100G/40G/4x25G/4x10G

KEY FEATURES

- Aggregate network traffic to a single or multiple tools
- Session/flow aware load balancing
- Configurable hash-based load balancing
- Flow replication and port mirroring
- Rest API for integration
- Supports filtering and load balancing
- User defined filters for Layer 2, 3, and 4
- 1k filters (full line rate filtering) that are user defined

SFP/SFP+/QSFP+ Transceivers available for INT25G56SQFE-AC:

SFP+T_T: SFP+ 1G-TX / 10G-T Copper RJ-45 Connector, TAA Compliant

SFP+SR_T: SFP+ 1G-SX / 10G-SR MMF LC Connector, TAA Compliant

SFP+LR_T: SFP+ 1G-LX / 10G-LR SMF LC Connector, TAA Compliant

SFP28_SR25G_T: SFP28 25G-SR MMF LC Connector TAA Compliant

SFP28_LR25G_T: SFP28 25G-LR SMF LC Connector TAA Complaint

QSFP+40G_T: QSFP+ 40G-SR MMF MPO/MTP-12 Connector TAA Compliant

QSFP+40-LR4_T: QSFP+ 40G-LR4 10km 1310nm SMF LC Connector, TAA Compliant

QSFP+10GLR_T: QSFP+ 4x10G-LR/LW QSFP+ SMF MPO12 Connector, 10km supporting Tx/Rx, TAA Compliant

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