



## Features and Benefits

- High-density, 640Gb, 1RU low profile design
- Front to back cooling, hot swap fan and option for redundant power supply
- Aggregation of multiple 10Gb SPAN/TAP traffic feeds into 10Gb/40Gb uplinks
- Support for SFP, SFP+, and QSFP+ media types

## Applications

- Traffic aggregation from multiple low-utilization 10Gb links into 10Gb/40Gb uplinks
- Monitor multiple 10G and 40G traffic streams from one central location
- Consolidate traffic into 40Gb uplinks into GigaVUE<sup>®</sup> H Series Traffic Visibility Nodes
- Provide a “Gateway” into the Visibility Fabric

## Product Description

Effective network monitoring and security begins with a properly constructed Visibility Fabric at 1Gb, 10Gb or 40Gb. Link aggregation is beneficial to ensure multiple lower utilized segments are combined into higher utilization Visibility Fabric ports.

Many of the 10Gb links that are running in Enterprise networks are averaging only 2-5% utilization. The GigaVUE-TA1 Traffic Aggregation node was designed for networks that have a multitude of low-utilization 10Gb links and need to aggregate traffic into the Visibility Fabric. The GigaVUE-TA1 node aggregates many ports of data together prior to feeding the aggregated traffic into either a GigaVUE G or H Series product where sophisticated Flow Mapping filters create a powerful Visibility Fabric.

Multiple 10Gb links can be aggregated into a single 10Gb link if the utilization is low, or a 40G link for segments with higher utilization. The low profile 1RU design is intended to be deployed at the top of rack or end of row in data centers. The system ships standard with 24 x 10Gb SFP+ ports, and can optionally be upgraded by enabling

a further 24 ports of 10Gb and 4 QSFP+ ports of 40Gb. The system has hot-swap dual fan-trays as standard, and a single power supply. A second power supply can be added to provide redundant power capability. Both AC and DC power is available.

