

Agema Open Networking Platform AGV424

Designed as the next generation TOR, the Agema AGV424 baremetal switch provides high-density low latency 25GbE SFP28 connectivity to servers while providing 4x100GbE QSFP28 uplinks, all in a resilient and compact chassis making it ideal for hyper-converged and storage deployments.

The AGV424 is configured with 24x 25GbE SFP28 ports and 4 high bandwidth 100GE QSFP28 Uplinks. The device is pre-loaded with ONIE (Open Network Install Environment) ready to support the customers choice of modular extensible Network Operating Systems (NOS) benefiting users to achieve future proof SDN/NFV capable solutions, network scalability, flexibility and cost effectiveness. It delivers 1.0Tbps of switching fabric with ultra low sub-µsec latency, and also provides 1+1 resilient power in a very compact chassis.

Key Features

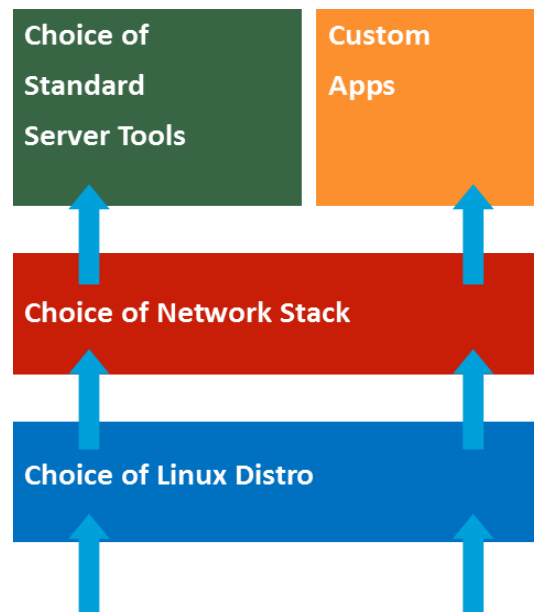
- 1RU height and half width 24x25G + 4x100G ToR.
- Up to 1.0Tbps of switching I/O bandwidth and available non-blocking wire-speed switching fabric.
- Support for open automated configuration and zero-touch provisioning capabilities simplify the management of network environments.

High Bandwidth

As bandwidth-intensive applications such as Web 2.0, virtualization, High Performance Computing (HPC) and Network Attached Storage (NAS) drive the transition to 25Gbps server connections within data centers and 100GbE Leaf/Spine interconnects, the AGV424 enables the transition to support this level of performance at the top of rack.

High Availability

The AGV424 has two internal PSUs (Power Supply Units) and 4 internal fans. SFP28/QSFP28 transceiver modules can be easily removed and replaced with no interruption to the network. These hot-swappable modules guarantee the continued delivery of essential services.



Agema Hardware Switch Platform



Product Specification

Features

<p>Ports 24 x 25GbE SFP28 ports 4 x 100GbE QSFP28 ports 1 x RJ45 Console port 1 x RJ45 100/1000 BASE-T OOB Management port 1 x USB port</p> <p>Key Parts Switching Chip: BCM56771 CPU Board: Intel Denverton C3338 4GB DDR4 32GB m2. SSD 16MB SPI-Flash (Boot)</p> <p>Power Supplies & Fans 2 Internal AC power supplies Internal fans with 3+1 redundancy support</p> <p>Applicable PSU AC to DC: 100 ~ 240 VAC 50/60 Hz DC to DC: -40 ~ -72 VDC</p> <p>Power consumption: Max. 300 Watts</p>	<p>Physical and Environmental Dimension (WxDxH): 211x500x42.7mm Weight: 4.2 kg</p> <p>Operating Temperature: 0 to 40 Operating Relative Humidity: 10 to 90% RH</p> <p>Storage Temperature: -20 to 70 Storage Humidity: 5 to 95% RH</p> <p>Open Software Environment ONIE preloaded Diagnostics software preloaded Compatible with ONL</p> <p>Performance (Subject to NOS) Integrated Packet Buffer: 32 MB MAC Address: Max 288 K Switch Fabric: 1.0 Tbps; 2.0 Tbps (full duplex) IPv4 host table size: 168K max. IPv6 host table size: 100K max. Support Jumbo frames up to 12KB VLAN: 4K</p>	<p>Regulatory Compliance Safety: EN 60950-1, UL 60950-1, CAN/CSA C22.2 No. 60950-1-07, IEC 60950-1</p> <p>Emissions: AS/NZS CISPR 32: Class A, ICES-003, Issue Class A, EN55032: Class A, VCCI Class A, FCC CFR 47 Part 15, Subpart B Class A</p> <p>Immunity: EN55024, EN 61000-3-2, EN 61000-3-3, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN61000-4-8, EN61000-4-11</p> <p>EU RoHS Compliant</p> <p>Warranty Please visit agema.deltaww.com for the warranty terms and condition</p>	<p>Ordering Information: AGV424</p> <p>Note: Optional tray module is required for rack-mounting</p>
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About Delta

Delta, founded in 1971, is a global leader in power and thermal management solutions and a major player in several product segments such as industrial automation, displays, and networking. Its mission statement, "To provide innovative, clean and energy-efficient solutions for a better tomorrow," focuses on addressing key environmental issues such as global climate change. As an energy-saving solutions provider with core competencies in power electronics and innovative research and development, Delta's business domains include Power Electronics, Automation, and Infrastructure. Delta has 175 sales offices, 69 R&D centers and 37 manufacturing facilities worldwide.

Throughout its history, Delta has received many global awards and recognition for its business achievements, innovative technologies and dedication to corporate social responsibility. Since 2011, Delta has been selected each year for the prestigious Dow Jones Sustainability™ World Index (DJSI World). In 2018, we were also included in the DJSI Emerging Markets Index for the 6th consecutive year. Delta was ranked by CDP (formerly the Climate Disclosure Project) at the Climate Change Leadership Level.

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