



Agema Open Networking Platform AG9032v1

Designed as a 100G Spine Switch, the Agema AG9032v1 provides 32 low latency 100GbE QSFP28 port connectivity, all in a resilient 1RU package making it ideal for data center deployment. Used with breakout cables the AG9032v1 can also be used as a Top Of Rack (TOR) solution.

The AG9032v1 is configured with 32 x 100GbE QSFP28 ports. 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 3.2Tbps of switching fabric with ultra low sub-µsec latency, and also provides 1+1 resilient power in a very compact 1RU chassis.

High Bandwidth

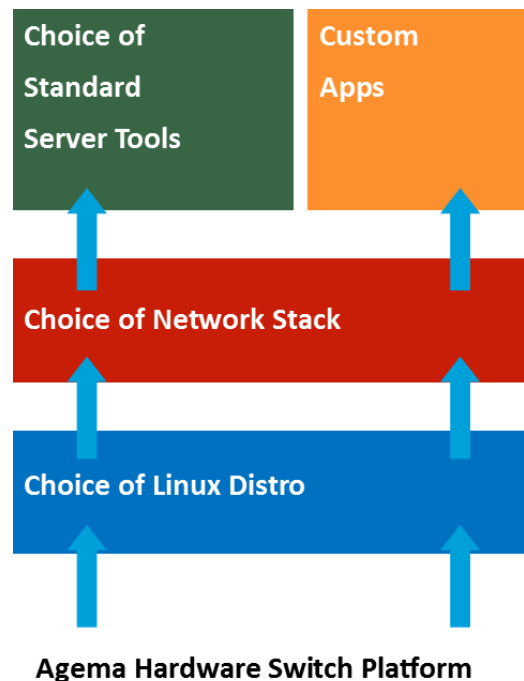
As bandwidth-intensive applications such as Web 2.0, virtualization, High Performance Computing (HPC) and Network Attached Storage (NAS) drive the transition to 25/40Gbps server connections within data centers and 100GbE Leaf/Spine interconnects, the AG9032v1 enables the transition to support this level of performance at the spine or the top of rack.

High Availability

The AG9032v1 has two slots for hot-swappable PSUs (Power Supply Units) and 5 fan trays. 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.

Key Features

- 1RU high-density 32x40/100GE QSFP28 Spine/TOR
- Up to 3.2Tbps 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.





Product Specification

Features

<p>Ports 32 x 40/100GbE QSFP28 ports 1 x RJ45 serial console port 1 x RJ45 100/1000M OOB Management port 1 x USB port</p> <p>Key Parts Switching chip: BCM56960 Tomahawk CPU Board: Intel Rangeley C2538 8GB DDR3 RAM 128GB SSD 16MB SPI-Flash (Boot)</p> <p>Power Supplies & Fans 2 slots for Hot-swappable PSUs 5 slots for Hot-swappable FANS</p> <p>Applicable PSU AC to DC: 100 ~ 240 VAC 50/60 Hz DC to DC: -48 ~ -60 VDC</p> <p>Power consumption: Typical 464 Watts; Max. 637 Watts</p>	<p>Physical and Environmental Dimension (WxDxH): 438.5x460x43.5mm Weight: 8.3 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 Compatible with SONiC</p> <p>Performance (Subject to NOS) Integrated Packet Buffer: 16MB MAC Address: Max 136K Switch Fabric: 3.2Tbps; 6.4 Tbps (full-duplex) IPv4 host table size: 8K min/72k max. IPv6 host table size: 4K min/36k max. L2 Multicast Table: 64K L3 multicast Groups: 32K 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 22: 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 agma.deltaww.com for the warranty terms and condition</p>	<p>Ordering Information: AG9032 v1 (Single AC version) AG9032 v1 DP (Dual AC version) AG9032 v1-DC (Dual DC version)</p> <p>Optional accessories: AGPSU-800AC AGPSU-800DC AGFAN-04</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 163 sales offices, 64 R&D centers and 39 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 as a member of the Dow Jones Sustainability™ World Index (DJSI World) for 7 consecutive years. In 2017, Delta was selected by CDP (formerly the Carbon Disclosure Project) for its Climate Change Leadership Level for the 2nd consecutive year.

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