

Agema Open Networking Platform AG9032V2

Designed as a high performance and high connectivity Switch, the Agema AG9032V2 offers scalable forwarding engine and Content Aware™ processing with 32 low latency 100GbE QSFP28 ports connectivity, all in a resilient 1RU package making it ideal for NextGen data center deployment.

The AG9032V2 is built with state of the art silicon and incorporates advanced power management features, user-defined oversubscription of ports and 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.

High Bandwidth

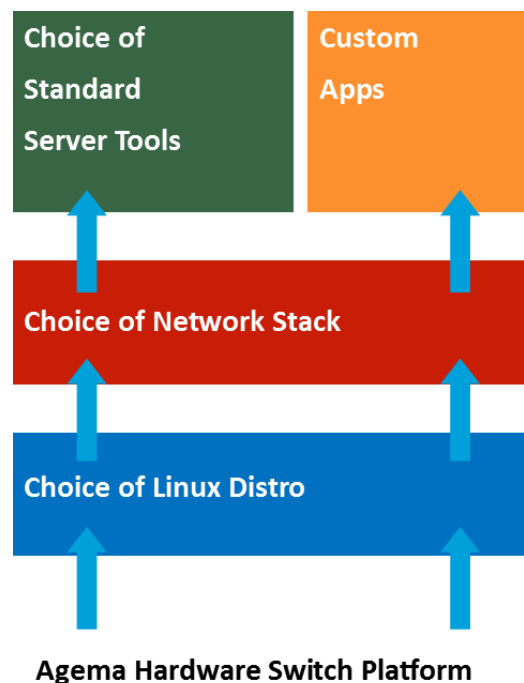
As bandwidth-intensive applications and virtualization continues to drive link utilization, networks are demanding switches with dense 10GbE, 40GbE and 100GbE connectivity at edge and aggregation layers. The AG9032V2 is designed to address performance, capacity and scalability requirements through flexible allocation of forwarding database to accommodate application demands, density and per port power efficiency, higher node counts and service requirements for NextGen Data center and distributed computing environments.

High Availability

The AG9032V2 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.
- Supports user-defined oversubscription of ports and flexible allocation of forwarding databases to meet demanding application needs.





Product Specification

Features

<p>Ports 32x 40/100GbE QSFP28 ports Support for 10G/25G Breakout Cables on 100G ports. 2 x 10GbE SFP+ 1 x serial RJ45 console 1 x USB 2.0 type-A port 1 x 10/100/1000M RJ45 OOB BMC Management port</p> <p>Key Parts Switching Chip: BCM56870 Trident 3 CPU Board: Intel Denverton C3538 16GB DDR4 RAM 64GB SSD 16MB SPI-Flash (Boot) BMC AST2520</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: Max. 650 Watts</p>	<p>Physical and Environmental Dimension (WxDxH): 438.5x460x43mm 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 : 32 MB MAC Address: Max 288K Switch Fabric: 3.2Tbps IPv4 host table size: 16K min/168K max. IPv6 host table size: 8K min/100K max. L2 Multicast Table: 16K L3 multicast Groups: 16K Support Jumbo frames up to 9KB 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: AG9032 v2 (Single AC version) AG9032 v2 DP (Dual AC version) AG9032 v2-DC (Dual DC version)</p> <p>Optional accessories: AGPSU-650AC AGPSU-800DC AGFAN-06</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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