



## 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

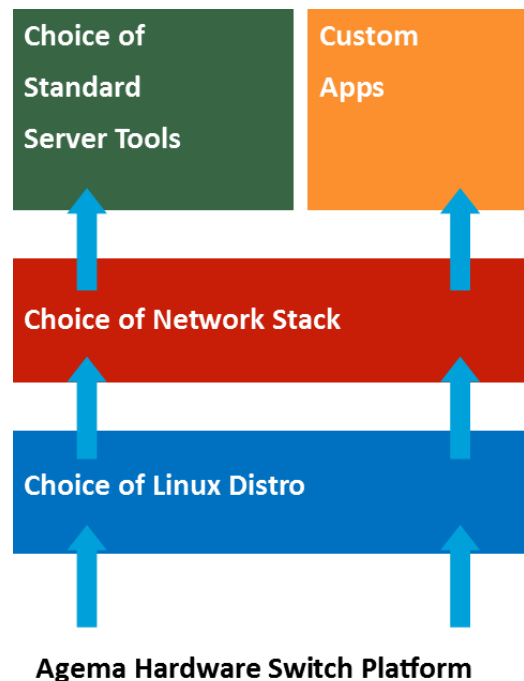
As bandwidth-intensive applications such as Web 2.0, virtualization, High Performance Computing (HPC) and Network Attached Storage (NAS) drive the transition to 25/40Gbps server connections within data centers and 100GbE Leaf/Spine interconnects, the AG9032v1 enables the transition to support this level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





## Technical Specification

Ordering Information	Physical	Regulatory Compliance	Performance
32 x 40/100GbE QSFP28 ports  Single Serial RJ45 console Single USB 2.0 type-A port Single 10/100/1000M RJ45 OOB Management port 2 slots for PSUs 5 slots for fans  <b>Power Supplies &amp; Fans</b>  2 Hot-swappable AC power supply (shipped with single PSU) 5 Hot-swappable FAN tray  <b>Options:</b> <ul style="list-style-type: none"> <li>• Bare Metal Only</li> <li>• Fixed Configuration</li> </ul>	32 x 40/100GbE QSFP28 1 USB-A type port  Single Serial RJ45 Console 1 RJ45 OOB Management Port CPU: Intel Rangeley C2538 128GB SSD 8GB DDR3 RAM  16MB SPI-Flash Dimension (WxDxH): 438.5x460x43.5mm  Weight: 8.3 kg Power supply: 100–240 VAC 50/60 Hz  Max. power consumption: 800 Watts  Operating temperature: 0 to 40°C Operating relative humidity: 10 to 90% RH	Safety: EN 60950-1, UL/CSA 60950-1, IEC 60950-1, CCC Emissions: AS/NZS CISPR 22: Class A, ICES-003, Issue Class A, EN 55022: Class A, VCCI Class A, FCC CFR 47 Part 15, Subpart B Class A, CCC Immunity: EN 300 386, EN55024, EN 61000-3-2, EN 61000-3-3, EN 61000-4-2, EN 61000-4-3, EN 61000-4-5, EN 61000-4-6, EN61000-4-8, EN61000-4-11  EU RoHS Compliant	Integrated Packet Buffer Memory: 16 MB MAC Address: Max 136K Switch Fabric: 3.2Tbps 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  <h3>Software Specification</h3> <ul style="list-style-type: none"> <li>• ONIE Pre-installed</li> <li>• Zero Touch Provisioning via DHCP</li> </ul>



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