

# Baremetal Switch

[Home](#) > [Products](#)

## Products

### Switch

[Baremetal Switch](#)

[Ethernet Switch](#)

### Networking OS

### Accessories

## AG9032 v1



- 32x 100GbE QSFP28
- 1 RJ45 console
- 1 10/100/1000 Mbps management port
- 1 USB port
- 1 AC power supply and support N+1 redundancy
- 5 Fan trays modules
- Max. power 650w

Please contact us or mail to [sales@agemasystems.com](mailto:sales@agemasystems.com) for product availability

## Overview

## Specifications

### Ports

- 32 100GbE QSFP28 ports
- 1 RJ-45 10/100/1000Mbps out-of-band management port
- 1 RJ-45 console Port
- 1 USB port

### Performance

- Switching Chip: Broadcom Tomahawk
- Switching capacity: 3.2Tbps switching bandwidth
- Packet Buffer Memory: 16MB
- Jumbo Frame: Up to 12Kbyte
- MAC Address: Max 136K
- LPM Routes Support: 128K
- L3 Hosts: IPv4 Max K, IPv6 Max K

- VLAN IDs: 4K

### **Processor, Memories & Storage**

- Processor: Intel Rangley C2538
- System Memory: 8GB DDR3
- SPI-Flash: 16 MB
- Storage: 128GB mSATA SSD support

### **Supported QSFP28 transceivers**

- 100GBASE-CR4
- 100GBASE-SR4
- 100G AOC
- 100G DAC

### **Power & Fan**

- 5 Fan tray modules
- 1 AC power supply; 2nd PSU required for redundancy
- Input voltage : AC 100 ~ 240V
- Output voltage: DC 12V
- Max. Power: 650W

### **Environmental specifications**

- Operating temperature: 0 to 40°C
- Operating relative humidity: 10 to 90% RH
- Storage temperature: -20 to 70°C
- Storage humidity: 5 to 95% RH

### **Mechanical:**

- Dimensions (WxDxH): 438.5x460x43 mm
- Weight: 8.3 kg

### **Regulatory Compliance**

- Safety: EN 60950-1, UL/CSA 60950-1, IEC 60950-1
- 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
- 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
- RoHS: All AG-Series components are EU RoHS compliant.

**Datasheet:** [AG9032](#)

\* All specifications and figures are subject to change without prior notice.

[Back to list](#)

[Privacy](#) | [Terms of use](#) | [Sitemap](#)

© 2015 Agema Systems, Inc. All rights reserved. Designed by CSIDEA