

Baremetal Switch

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Products

Switch

[Baremetal Switch](#)[Ethernet Switch](#)

Networking OS

Accessories

AG5648

- 48x 25GbE SFP28
- 6x 100GbE SFP28 uplinks
- 1 Out-of-band management port
- 1 RJ45 console port
- 1 USB port
- 1 AC power supply and support N+1 redundancy
- 4 Fan tray modules
- Max. power output 550w

Please contact us or mail to sales@agemasystems.com for product availability

Overview

Specifications

Ports

- 48x 25GbE SFP28 and 6x 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: 1.80 Tbps full-duplex
- Packet Buffer Memory: 12MB
- Jumbo Frame support: Up to 12Kbyte
- MAC Address: Max 288K

Processor, Memories & Storage

- Processor: Intel Rangeley C2538
- Memory: 4GB DDR3-SDRAM
- SPI-Flash: 16MB
- Storage: 8GB SSD

Power & Fan

- 4 Fan tray modules
- 1 AC power supply and additional PSU required for N+1 redundancy
- Input voltage : AC 100 ~ 240V
- Output voltage: DC 12V
- Max. Power output: 550W

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

- Dimension (WxDxH): 438.5x460x43 mm
- Weight: 7.99 kg

Regulatory Compliance

- 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
- RoHS: All AG-Series components are EU RoHS compliant

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

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