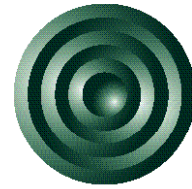


Sphereon™ 3232 Fabric Switch

Simplified Configuration and Design



McDATA™
The experience to rely on®



Every McDATA solution offers these important advantages:

- Compatibility proven in our Systems Integration Lab
- Education and training built on experience
- Proven methodology for building scalable solutions
- Complete family of products – from enterprise to edge
- Collaborative partnerships with leading companies

McDATA's Sphereon 3232 Switch is the industry's only 32-port switch with connectivity on demand. McDATA's exclusive Flexport Technology lets you purchase the port count you need today, while reserving port capacity for tomorrow. Additional connectivity can be added quickly without disruption.

Ideal for larger SAN applications, the Sphereon 3232 Switch offers exceptional availability, management and distance features. The Sphereon 3232 Switch offers high performance with 2Gb/s non-blocking bandwidth for every port and incorporates availability previously found only on data center-class products. Only McDATA offers a large port-count fabric switch with the following features— all standard:

- 2Gb/s non-blocking connectivity
- 120 km distance support
- Hot-plug redundant power and cooling
- High port density (1.5u height)
- Capacity on demand with McDATA Flexport Technology
- On-line, non-disruptive firmware load and activation (HotCAT™ technology)
- On-line diagnostic and fault isolation tools for network-wide activity

*Sphereon™
Switch Series*

Sphereon™ 3232 Fabric Switch



Specifications:

Availability

- Hot-plug redundant power supplies
- Hot-plug redundant fans
- Hot-plug optics
- On-line diagnostics
- On-line, non-disruptive firmware load and activation
- Fault isolation tools for network-wide activity

Compatibility

- Fibre Channel Protocols: FC-PH Rev 4.3, FC-PH-2, FC-PH-3, FC-GS-2, FC-FLA, FC-FG, FC-SW-2
- SNMP: Fibre Alliance MIB, Fibre Channel Fabric Element MIB, TCP/IP MIB II
- Fibre Channel Classes of Service: Class 2, 3 and F

Performance

- Port Speed: 1.0625-2.125 GB/s, full duplex
- Aggregate Throughput: 128 GB/s
- Distance Support: 120 Km (1Gb/s), 60Km (2Gb/s)
- Latency: Less than 2 microseconds average

Scalability

- Ports per Chassis: 32 G Ports
- Media Type: Hot-plug, industry standard LC Small Form Factor
- Distance: 20km (1Gb/s), 10km (2Gb/s)-4 ports

Management Options

- McDATA Software
- Embedded SANpilot™ fabric management
- SNMP
- Open Systems Management Server

Access

- In-band
- Ethernet (10/100 Mbps)

Fabric Services

- Simple Name Server
- In order delivery (Class 2, 3)
- Management Server (optional)
- Broadcast
- Name server zoning

Diagnostics

- Power on self-test
- On-line port, internal & external loopback
- On-line system health

Serviceability

- Hot-plug power supplies & fans
- Hot-plug optics
- Hot-load firmware upgrades
- Call-home, email (with McDATA Software)
- Maintenance port (DSUB)
- Thermal Protection
- Unit, Port, FRU beaconing
- System error LED
- FRU failed LED

Physical Dimensions

- Height: 2.63" (1.5u)
- Width: 17.5"
- Depth: 26.25"
- Weight: 26 lbs.

Installation Options

- Rack mountable, 19" EIA rack
- Stackable tabletop

Environmental

- Non-operating: Temp: 40°F to 125°F, Humidity: 8%-80%, Altitude: 40,000 ft (12,192 m)
- Operating: Temp: 40°F to 104°F, Humidity: 8%-80%, Altitude: 10,000 ft (3,048 m)

Electrical

- Operating Voltage: 100-230 VAC
- AMPs: 2 AMPs
- Heat Output: 706 BTU/hr

Regulatory

- UL, CSA, CE Mark, VCCI Class 1, FCC Part 15 Class



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