

EcoSwitch™ Fibre Channel Switch FC-1000

High Speed and Economical 8 Gb Fibre Channel Stackable Switch Perfect Companion for EcoRAID™ and FlashDisk Storage

EcoSwitch - Fibre Channel Switch

EcoSwitch combines 8 Gb fibre channel performance, expandability, low power consumption and compact 1U form factor to offer a very high value, yet economical SAN solution.

EcoSwitch is an ideal building block to use with EcoServers and EcoRAID and FlashDisk storage to create departmental and enterprise environments - including high performance VMware.

The short depth allows more equipment in less space with lower power and cooling, saving money.



EcoSwitch is a powerful and expandable yet economical and ecological. Combined with EcoServer, EcoRAID and FlashDisk storage, it is part of a fully integrated IT infrastructure solution - available in a fully integrated EcoCabinet.™

EcoSwitch

Advantages

Single Vendor Support

- Single warranty and support contract
- One phone number to call
- 24x7 call center
- On-site service

Stackable Switch

- VMware compatible
- Up to 24 Fibre Channel ports per switch
- Stack to 5 switches and 120 ports
- Non-disruptive 4-port expansions
- NPIV virtualization support for VMware
- Non-blocking architecture

High Performance

- 8 Gb/4 Gb/2 Gb port speed and support
- Adaptive trunking to individual servers
- 10 Gb stacking port bandwidth
- 20 Gb Inter-Switch Link (ISL) bandwidth
- 1,700 MB per second on 8 Gb ports
- 5,100 MB per second on 20 Gb ports
- 544 Gb per second per chassis aggregate

Economical

- Affordable and easy to expand and stack
- Pay as you grow
- High speed ISL saves up to 6 FC ports

Manageable

- Interoperable with all major infrastructure
- Installation and configuration wizards
- Adaptive ports auto configure to 8/4/2 Gb
- Hardware enforced zoning by WWN
- LEDs, Command Line Interface, Web GUI
- Fabric Suite software stack management views stack as single device
- SNMP support, API & SMI-S agent option
- Fabric security with SSH, SSL, FC-SP
- SANdoctor diagnostic option

Ecological

Telecommunications companies have always used small racks to reduce cooling costs by reducing hot spots that overtax air conditioning systems. Now data centers can benefit from this well known principle.

Economical

EcoSwitch delivers the performance and reliability from Qlogic Corporation. It lets you start small, add 4-port increments, stack switches to five high with 120 ports total - non-disruptively. It is all easy to manage as a single device with an embedded Web GUI - saving costly administrator time and eliminating planned downtime for expansion.

Upgrade Infrastructure as Needed

By supporting high speed 8 Gb ports and backward compatibility to 4 Gb and 2 Gb ports, EcoSwitch let you upgrade the portions of your infrastructure that need it most while preserving your investment in the older portions that are working just fine.

Manageability

QuickTools includes both the Web GUI and Command Line Interface (CLI) and enables adaptive trunking for delivering high speed to individual servers.

Systems Integration

EcoSwitch combined with EcoServer, EcoRAID and FlashDisk storage and accessories including UPS - and even racks - enables IT managers to obtain an integrated solution from a single vendor that supports the entire hardware infrastructure. IT managers concentrate on the applications and the business value created.

Single Source Support

The entire integrated solution of EcoServers, EcoSwitch, EcoRAID and FlashDisk storage and accessories are supported under a single warranty and service contract. This eliminates the finger pointing often found in self-integrated hardware solutions. The standard warranty includes 24x7 call center support and next day on-site service. Four hour response service is also available as an option.

Specifications

•Dimensions	1.7" High x 17" Wide x 20" Deep
•Fibre Channel Ports	Up to 24; 8 Gb/ 4 Gb/2 Gb ports, 4-port increments
•Stackability	Up to 5 switches per stack, up to 120 ports total
•Inter-Switch Links	10 Gb/sec per link; 20 Gb/sec per switch
•Aggregate bandwidth	544 Gb per second aggregate, non-blocking
•Power	100 - 240 VAC, 50 - 60 Hz, 0.5 - 1.00 A
•Cooling	Single or dual power supplies and fans
•Weight	18 lbs
•Operating Temperature	41° to 104° F (5° to 40° C)
•Non-Operating Temperature	-20° to 158° F (-4° to 70° C)
•Compliance	UL, CUL, CE, TUV, ROHS, FCC Class A

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