

ECS5510-48S

High Density 48 Ports 10Gb Ethernet L2 Switch



Product Overview

The Edge-Core ECS5510-48S is a 48 port 10Gb Ethernet L2 switch designed from the ground up to be deployed and utilized in medium to large data centers. With its unmatched density, the ECS5510-48S is ideally suited for converged Ethernet applications such as 10Gb traffic aggregation and iSCSI storage interconnect.

Key Features and Benefits

Performance

The ECS5510-48S is a high density L2 10Gb Ethernet switch encased in a small 1U form factor. Featuring 48 10Gb SFP+ interface, it offers unparalleled switching capacity, making it the ideal solution for the medium to large sized data centers.

The ECS5510-48S is capable of 960Gb of network throughput. Given the demand for bandwidth brought on by server virtualization.

Continuous Availability

Dual hot-swappable power supplies allow the system to continue operation even in the event of a single power supply failure. To ensure longevity, the ECS5510-48S employs data center-friendly front to back cooling, dissipating unwanted heat efficiently and effectively.

Data Center Requirements

With Ethernet fast becoming the de facto standard for the interconnection of data center devices, the ECS5510-48S is conceived and designed to overcome the challenges in a high traffic load environment, ensuring that traffic flows smoothly through the network without delay. It features

Jumbo frame up to 10K bytes

802.1Qau congestion notification

802.1Qbb priority flow control

802.1Qaz enhanced transmission selection

FCoE ACL & FIP snooping

Energy Efficiency

The ECS5510-48S is easy on the environment as well as your energy budget. At less than 3 watt per port, it is simply without peer. This level of performance is the result of a uncompromising design philosophy, utilizing

- State of the art packet processor
- Power supplies with greater than 90% efficiency
- Variable speed fans
- Advanced physical layer design

Simple and Flexible Management

The ECS5510-48S features both an user-friendly web interface and a command line interface for the advanced user. SNMP based management is also fully supported. When used in conjunction with ECView Pro, Edge-Core own network management system, the task of monitoring and provisioning can be easily accomplished.

