

Switches/Hubs

TigerSwitch™ 10/100/1000

24-Port Gigabit 10/100/1000 Managed Switch with 4 mini-GBIC ports

Model Number: SMC8624T



The power of 48Gbps in a 1RU box!

The TigerSwitch 10/100/1000 is the first in the market to bring you a 24-port gigabit switch in a small 1RU footprint. Without rewiring your existing network, SMC8624T's 24 auto-MDIX tri-speed ports provide a feature-rich platform for bandwidth-starved networks. SMC8624T delivers non-blocking switching performance in a robust 88Gbps switch fabric, with advanced features such as priority queuing, link aggregation LACP, VLANs with GVRP and IGMP for today's multimedia applications. RADIUS and port-based security is also included to address today's concerns regarding security.

TigerSwitch 10/100/1000 is further backed by a comprehensive limited lifetime warranty and SMC's award-winning free technical support.

Overview

Features

- High-port density in a 1RU footprint
- Full wire-speed non-blocking switching performance
- Priority queuing with Weighted Round Robin (WRR)
- VLAN with GVRP
- IGMP v.1/v.2
- LACP for link aggregation
- Port mirroring
- Port and system security
- SNMP, RMON, spanning tree algorithm
- Radius remote authentication
- Forwarding rate of 35.6 Mpps

Benefits

- Supports up to 24 auto-MDIX 10/100/1000 ports with 4 associated mini-GBIC slots for optional gigabit fiber plug-in
- Non-blocking 88Gbps switch fabric for maximum switching performance
- Four levels of priority with weighted fair queuing, ensures smooth transmission of vital data
- Supports VLANs based on tags, ports plus support for automatic GVRP LAN registration for maximum security and bandwidth efficiency.
- IGMP allows multicast traffic transmission to registered users only
- Port trunking group links between switches, increases bandwidth for dedicated link
- Port mirroring allows sniffer tracking data transmission for easy troubleshooting.

Compatibility

- IEEE802.3
- IEEE802.3u
- IEEE802.3z
- IEEE802.1d
- IEEE802.1p
- IEEE802.1Q
- IEEE802.3ad
- IEEE802.1w (future release)
- IEEE802.3ab

