TigerSwitch™ 10/100

24-Port 10/100 Mbps Standalone Managed Layer 2 Switch

Model Number: | SMC6724L2

The SMC6724L2 is a managed standalone switch that provides 24 10/100 Mbps ports, with two optional slide-in slots for Gigabit expansion. The new switch is designed for workgroups that require a high-performance backbone channel, thus it offers Gigabit uplink modules to meet large bandwidth needs. It enables a smooth migration path as your network evolves, with support for Ethernet, Fast Ethernet, and Gigabit technologies. It is modularized for future expansion, has an aggregate bandwidth of 8.8 Gbps, and offers key features to make network management easier.

Key features include: port-trunking to maximize bandwidth utilization; large buffer to ensure the delivery of critical data; Gigabit uplinks to thin traffic and minimize congestion; GVRP to simplify VLAN configuration and network monitoring; QoS for mission critical data packets; port-mirroring to unobtrusively monitor real-time traffic; and IGMP Snooping to ensure rapid delivery of packets to the correct groups.

Overview

Features

- Base unit has 24 independent 10/100 Mbps Fast Ethernet ports
- Optional Gigabit module provides high-performance backbone channel
- Up to 4 port trunks per switch; each combines up to 4 ports into a full-duplex fat pipe
- Auto-negotiation for speed and duplex mode selection

Benefits

- Port-based IEEE 802.1Q VLANs to simplify network planning and management
- Flexible management tools include SNMP/RMON, Web agents, Telnet, and out-of-band console connection
- Port-mirroring allows monitoring of traffic crossing any port in real time
- QoS expedites critical data via prioritizing and filtering
- IGMP Snooping reduces multicast traffic for maximum performance
- VLAN Support provides port or MAC address based VLANs and GVRP for auto-registration
- Free Windows-based EliteView network management software

Compatibility

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3z
- IEEE 802.1d
- IEEE 802.3x
- IEEE 802.1p
- IEEE 802.1Q

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24-Port 10/100 Mbps Standalone Managed Layer 2 Switch

Managed &
Unmanaged
Switches

S P E C I F I C A T I O N S

SMC6724L2

Ports:
- 24 10-Base-T/100Base-TX RJ-45 Ports with 2 slots for expansion modules

Built-in Network Management
Network Interface:
- 10Base-T – RJ-45 UTP Cat. 3,4,5
- 100Base-TX – RJ-45 UTP Cat.5
- 1000Base-T – RJ-45 UTP Cat.5
- 1000Base-SX – SC Connector
- 1000Base-LX – SC Connector
- Multimode fiber cable, 62.5/125 or 50/125 microns
- Singlemode fiber cable, 9/125 microns

Slide-In Module
- Module with one 1000Base-SX port
- Module with one 1000Base-LX port
- Module with one 1000Base-T port

MAC Address Table
- 12k entries

Memory Buffer
- 24 Kbytes per 10/100 Mbps port; 96 Kbytes per 1000 Mbps port

Power Consumption
- 80 Watts maximum

Network Management:
System Configuration
- Console port, Telnet, Web browser, EliteView SNMP/RMON NMS

Management Agent
- SNMP Support: MIB II, Bridge MIB, Ethernet MIB, RMON MIB, Accton proprietary MIB

RMON
- Groups 1,2,3,9 (Statistics, History, Alarm, Event) Spanning Tree Algorithm
- IEEE 802.1d supports redundant network paths Port-based or 802.1Q VLANs
- Up to 64 groups, with GVRP for dynamic VLAN registration IGMP Multicast Filtering
- Passive snooping on IGMP Query/Report messages; active query for group members

Link Aggregation
- Up to 4 trunks; 2-4 trunks per port

Port Mirroring
- 10/100 Mbps port mirroring

Traffic Prioritization
- Supports four levels of priority with Weighted Round Robin
- Broadcast storm control

Size
- 17.3 x 11.2 x 1.7 in.
- 44.0 x 28.5 x 4.3 cm

Weight
- 7.9 lbs.
- 3.6 kg

Temperature
Operating: 32˚-122˚ F (0˚-50˚ C)
Storage: -40˚ – 158˚ F (-40˚ – 70˚ C)

Humidity
5% to 95% (non-condensing)

EMC/Safety Compliance
- FCC Class A, VCCI Class A, CISPR 22 Class A, AZ/NZS Class A
- CSA/NRTL, TUV/GS

Standards
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3z
- IEEE 802.3x
- IEEE 802.1Q
- IEEE 802.1p
- IEEE 802.1ad
- IEEE 802.1d

Warranty
- Limited lifetime

Product	Description
SMC6724L2	TigerSwitch 10/100 24-Port Fast Ethernet Switch with 2 Expansion Slots
SMC6724L2GSSC	Optional Slide-In Module with Single 1000Base-SX Port with SC Connector
SMC6724L2GSST	Optional Slide-In Module with Single 1000Base-SX Port with SC-ST Connector
SMC6724L2GLSC	Optional Slide-In Module with Single 1000Base-LX Port with SC Connector
SMC6724L2GT	Optional Slide-In Module with Single 10/100/1000Base-T Port