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DATA SHEET

3Com® SuperStack® 3 Switch 4900 and SuperStack 3 Switch 4900 SX

Key Benefits

Performance
Wirespeed, non-blocking Gigabit Ethernet switching across all ports delivers maximum performance for heavily utilized networks.

Affordability
The 3Com® SuperStack® 3 Switch 4900 family of fixed configuration managed switches provides unmatched value, industry leading performance without compromise.

High Availability
Robust availability features include link aggregation, support for Rapid Spanning Tree, Redundant Power Supply system, and e-mail or pager status notification, ensuring maximum uptime for critical applications.

Prioritize Business Critical Traffic
Advanced Class of Service support including support for four queues per port, 802.1p, and multilayer packet classification capabilities to allow prioritization of critical traffic.

Layer 3 Switching
Support for wire-speed Layer 3 switching capabilities enhances performance, provide network control and security, and enable logical segmentation of networks based on VLANs.

Flexibility
Modular architecture lets you support different Gigabit media in the same workgroup platform, enabling placement of the SuperStack 3 Switch 4900 anywhere in the network, regardless of cabling type.

Powerful Management
3Com Network Supervisor application is included with discovery, mapping, monitoring, and alerting for easy network administration. Intuitive interface speeds network-wide set-up of switch traffic prioritization.

Lifetime Limited Warranty
Ensures peace of mind. Lifetime warranty includes fans and power supplies.

High-performance, affordable, copper and fiber Gigabit switching

The 3Com SuperStack 3 Switch 4900 delivers high performance, feature-rich Gigabit Ethernet switching in a simple, affordable platform, making it an excellent solution for small-to-medium-size networks with growing bandwidth requirements. It's also perfect for large enterprises that require low cost yet high functionality Gigabit Ethernet switching across their data center and the server farm or wiring closet.

The twelve-port switch is available in two configurations, to support multimode fiber optic cabling or traditional Category 5 cabling. Mix and match both fiber and copper Gigabit media leveraging optional Gigabit switching modules for cost-effective performance in a simple, integrated platform.

Specifications

Connectors
3C17700: 12 auto-negotiating 100BASE-TX/ 1000BASE-T ports configured as Auto-MDIX (cross-over).

3C17702: 12 1000BASE-SX ports using MT-RJ connectors.

3C17710: Switch 4900 series expansion module supporting 4 1000BASE-SX ports using MT-RJ connectors

3C17711: Switch 4900 series expansion module supporting 4 x 1000BASE-T ports using RJ-45 connectors configured as Auto-MDIX

3C17712: Switch 4900 series expansion module supporting 4 x 1000BASE-LX ports using MT-RJ connectors

3C17714: Switch 4900 series expansion module supporting 4 x GBIC ports

Dimensions
Height: 6.6 cm (2.6 in)
Width: 44 cm (17.3 in)
Depth: 37 cm (14.5 in)
Weight: 6.5 kg (13 lb)

Performance
23 million packets per second

Reliability
MTBF @ 40°C: 326,000 hours

Environmental Requirements
Operating temperature: 0° to 40°C (32° to 104°F)

Storage Temperature: -40° to +70°C (-40° to +158°F)

Operating Humidity: 10% to 90% relative humidity non-condensing

Standards: EN60068 (IEC68)

Safety Agency Certifications
UL1950, EN60950, CSA22.2 No. 950, IEC 60950

Emissions
EN55022 Class A, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, AS/NZS 3548 Class A, CNS 13438 Class A

Immunity: EN55024

Heat Dissipation: 50 W maximum (168 BTU/hr maximum)

Power Supply
AC Line Frequency 50/60 Hz

Input Voltage Options 90-240 VAC

Current Rating 4.5A maximum

Switching Features/Functionality
802.1D

802.1Q VLAN Support

IGMP Snooping

Link Aggregation

SNMP Standards
SNMP Protocol (RFC 1157)

MIB-II (RFC 1213)

Bridge MIB (RFC 1493)

RMON MIB II (RFC2021)

Remote Monitoring MIB (RFC 1757)

Interface MIB (2233)

MAU MIB (RFC 2668)

Administration
UDP (RFC 768)

IP (RFC 791)

ICMP (RFC 792)

TCP (RFC 793)

ARP (RFC 826)

TFTP (RFC 783)

TELNET (RFC854)

BOOTP/DHCP (RFC1542)

HTTP (RFC2068)

Routing Protocols
RFC 1058 RIP

RFC 1519 CIDR

RFC 1723 RIP v2

RFC 2131 BootP/DHCP Relay

Warranty and Non-Warranty Services
Limited Lifetime Warranty, for as long as the original Customer owns the product, or five years after product discontinuance, whichever occurs first. Includes fan and power supply.

After registering the product online, other free support services such as telephone support, fast hardware replacement, and software updates may also be available, depending on regional availability and retailer participation.

Management
3Com Network Supervisor provided free of charge on accompanying CD

Web interface

Command line interface management

SNMP compatibility

Ordering Information

3Com SuperStack 3 Switch 4900	3C17700
3Com SuperStack 3 Switch 4900 SX	3C17702

Optional Modules and Accessories

3Com SuperStack 3 Switch 4900 1000BASE-SX Module	3C17710
3Com SuperStack 3 Switch 4900 1000BASE-T Module	3C17711
3Com SuperStack 3 Switch 4900 4-port1000BASE-LX module	3C17712
3Com SuperStack 3 Switch 4900 4-Port GBIC Module	3C17714
3Com 1000BASE-SX GBIC	3CGBIC91
3Com 1000BASE-LX GBIC	3CGBIC92
3Com 1000BASE-LH70 GBIC (up to 70km)	3CGBIC97
3Com SuperStack Advanced Redundant Power System Chassis	3C16071B
3Com SuperStack Advanced Redundant Power System Type 3 325W	3C16075

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To learn more about 3Com solutions, visit www.3com.com. 3Com Corporation is publicly traded on Nasdaq under the symbol COMS.

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