

# 3Com® SuperStack® 3 Switch 4900 Family

### **DATA SHEET**



### Layer 2/3/4 Gigabit switching ideal for server aggregation

- Choose from among 12- and 24port models with fiber or copper connectivity
- Combine multiple units using 3Com XRN technology for resiliency without complexity

### **Key Benefits**

#### **Unbeatable Resilience**

The SuperStack 3 Switch 4900 family of products supports 3Com's XRN\* technology providing outstanding resilience and reliability, at double the performance of traditional resilient solutions. With XRN technology, Layer 2 and Layer 3 networks can be created with no single point of failure, but still utilizing the full performance of the network.

#### **Performance**

3Com's custom ASIC architecture delivers wirespeed, non-blocking Gigabit Ethernet switching across all ports, minimizing server farm and network congestion. Further scale performance using XRN technology, with two units operating together as a single management switching entity.

#### **Advanced Network Control**

Advanced Layer 2/4 functionality such as multicast filtering, virtual LANs, and multilayer traffic classification and prioritization improve traffic control across the network. XRN technology supports two geographically distributed switches managed as a single Layer 2 / Layer 3 entity.

### Layer 3

Switches support RIP v1/v2, OSPF, CIDR and UDP helper; the resilient capabilities of XRN technology allow two units to share IP interfaces eliminating the need for complex implementations such as VRRP.

#### **Advanced Security Capabilities**

Secure network resources from unauthorized access with RADIUS client support and Access Control Lists.

#### **High Availability**

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

### **Powerful Management**

Comprehensive support within the 3Com management application software suite, including within the standalone package 3Com Network Director and with 3Com Network Administrator for HP OpenViewbased management.

## Gigabit Ethernet is Ideal for Server Farm Aggregation

The 3Com SuperStack 3 Switch 4900 Family consists of four high-performance, wirespeed, Layer 2 / Layer 3 / Layer 4 Gigabit switches. These enterprise-class devices are ideal for server farm aggregation in enterprise environments.

- 3Com SuperStack 3 Switch 4900 comes with 12 100/1000 copper ports.
- 3Com SuperStack 3 Switch 4900 SX has 12 1000BASE-SX ports.
- 3Com SuperStack 3 Switch 4924 comes with 24 10/100/1000 copper ports.
- 3Com SuperStack 3 Switch 4950 has 12 10/100/1000 copper ports, six 1000BASE-SX ports, and six flexible GBIC ports.

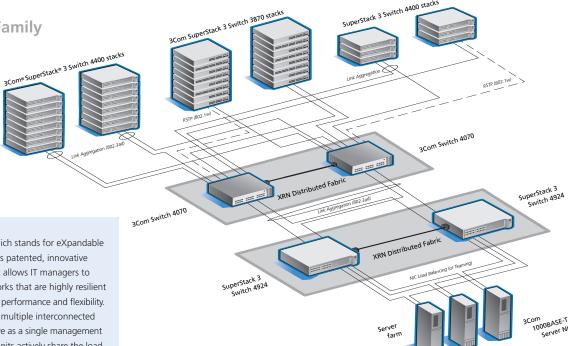
All these switches optionally support 3Com's patented XRN technology allowing you to quickly build a fully redundant aggregation or network core solution out of a pair of 3Com Gigabit switches—delivering high resiliency without complexity.

The Gigabit Multilayer Switching (GMS) Software is the operating software of the 3Com SuperStack 3 Switch 4900 Family. Now included with all new switches are advanced features of the GMS Software, formerly sold separately, features such as OSPF routing and support for geographically distributed XRN configurations.

Sample configurations supported by the SuperStack 3 Switch 4900 Family

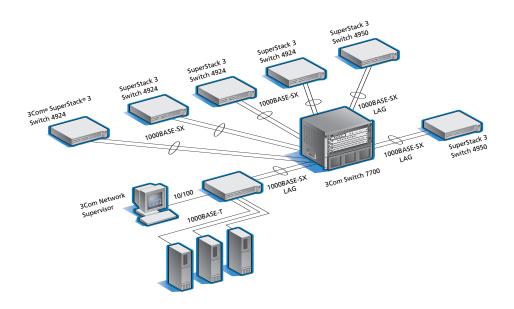
### 3Com SuperStack 3 Switch 4900 supporting a server farm

SuperStack 3 Switch 4400 stacks



 $\mathsf{XRN^{TM}}$  technology, which stands for eXpandable Resilient Networking, is patented, innovative 3Com technology that allows IT managers to build affordable networks that are highly resilient and deliver exceptional performance and flexibility. With XRN technology, multiple interconnected Gigabit switches behave as a single management switching entity. The units actively share the load in normal operation yet one will near-instantly recover all connections should the other unit or its connections have a failure. XRN technology is supported by the 3Com SuperStack 3 Switch 4900 for server aggregation and by the 3Com Switch 40x0 for building core networking. It is high resiliency without complexity.

SuperStack 3 Switch 4900 family switches can deliver Gigabit-to-the-desktop with Layer 2/3/4 switching for bandwidth-intensive networks.



## 3COM® SUPERSTACK® 3 SWITCH 4900 FAMILY DATA SHEET

### **Features**

PERFORMANCE			
Switching Capacity	32Gbps for SuperStack 3 Switch 4900 and 4900 SX; 56Gbps for SuperStack 3 Switch 4924 and 4950		
Forwarding Rate	23.8Mpps for SuperStack 3 Switch 4900 and 4900 SX; 41.6Mpps for SuperStack 3 Switch 4924 and 4950		
Store and Forward Switching	Latency 2.7 microseconds for all models		
LAYER 2 SWITCHING			
MAC Addresses	12K MAC addresses		
VLAN	30 VLANs (IEEE 802.1Q)		
Link Aggregation	Manual and LACP Link Aggregation (IEEE 802.3ad). 13 groups/4 ports in each		
Auto Negotiation	Auto-negotiation of port speed, duplex, and connection (MDI/MDIX)		
Traffic Control	IEEE 802.3x full-duplex flow control		
	Back pressure flow control for half-duplex		
	Supports Broadcast Storm Suppression		
Spanning Tree	IEEE 802.1D Spanning Tree Protocol (STP)		
	IEEE 802.1w Rapid Spanning Tree Protocol (RSTP), backward-compatible with STP		
	Fast-start mode		
	Spanning tree enable/disable per port or per VLAN		
LAYER 3 SWITCHING			
Routes	Hardware-based routing		
	2,000 IP routes		
	100 Static Routes		
	5,000 ARP entries		
	64 IP interfaces		
IP Routing	IP Multinetting (multiple IP interfaces per VLAN)		
	CIDR (Classless Internet Domain Routing)		
	RIP (Routing Information Protocol), v1 and v2		
	OSPF (Open Shortest Path First)		
	• 4 areas with 64 adjacencies		
	ASBR support for static and default routes		
Multicast	Filtering for 128 multicast groups		
	IGMP (Internet Group Management Protocol) snooping on Layer 2 interfaces		
	IGMP v1 and v2		
	IGMP Querier		
Network Protocol	DHCP Relay (Dynamic Host Configuration Protocol Relay)		
	UDP (User Datagram Protocol) Helper		
	ARP (Address Resolution Protocol)		
Access Control Lists	VLAN-based ACLs		
	Filtered on destination IP address / mask		
CONVERGENCE			
Priority Queues	Four hardware queues per port		
	Weighted Round Robin queuing		
Traffic Prioritization	Priority based on:		
	• IP address*		
	IEEE 802.1p Class of Service (CoS) VLAN priority		
	TCP/UDP destination port number		
	DSCP (DiffServ Code Point)		
	• Ethertype*		
	Default port priority		
	Auto classification of 3Com NBX® telephony traffic		

<sup>\*</sup> Only available on SuperStack 3 Switch 4924 and 4950 models.

## 3COM® SUPERSTACK® 3 SWITCH 4900 FAMILY DATA SHEET

### **Features** (continued)

RESILIENCY			
	3Com XRN Technology support		
	Dual software images		
	Backup and restore of switch settings		
MANAGEMENT			
Device Management	Local or RADIUS management of switch passwords		
	Web-based management		
	Command line interface (CLI)		
	Serial (9-pin D-type connector)		
	Telnet		
	SNMP v1		
	3Com Management Applications		
	3Com Network Supervisor for basic, turn-key network management for small and medium businesses		
	3Com Network Director for comprehensive, turn-key network management for the enterprise		
	<ul> <li>3Com Enterprise Management Suite for flexible, extensible management in advanced enterprise IT environments</li> </ul>		
Software	Dual software images		
	Backup and restore		
	TFTP configuration: upload/download		
	TFTP agent: upload		
	Mirror Port /RAP (Roving Analysis Port): one-to-one		
RMON	Seven Groups: Statistics, History, Alarms, Host, HostTopN, Matrix, Events		
IP Address allocation	DHCP		
	BOOTP		
	Manual		
	Auto IP		
OPTIONAL SERVICE AND SUPPORT			
Network Health Check	An activity-auditing service focused on improving network performance and productivity		
	Includes traffic monitoring, utilization analysis, problem identification, and asset deployment recommendations		
	Extensive report provides blueprint for action		
Network Design	Includes review of business plan, extensive inventory of requirements, and complete design document specifying implementation details		
Network Installation	Experts set up and configure equipment and integrate technologies to maximize functionality and minimize business disruption		
	Service may include physical site survey and network design and engineering based on evaluation of business objectives		
Project Management	Provides extra focus and resources that special projects demand		
	3Com engineer(s) manage entire process from initial specifications to post-project review		
	Using structured methodology, requirements are identified, projects planned, and progress of implementation activities tracked		
3Com Guardian <sup>sM</sup> Maintenance Service	Provides comprehensive onsite support, including advance hardware replacement, telephone technical support, and software upgrades:		
	Telephone support backed by powerful call-tracking database and replication laboratory		
	Software upgrades ensure access to pertinent patches		
3Com Express™ Maintenance Service	Benefits customers who prefer to maintain own hardware		
	Bolsters in-house resources with convenient and speedy access to 3Com hardware replacements, software upgrades, and telephone support		

### **Specifications**

#### All information is for SuperStack 3 Switch 4900 Family unless stated otherwise.

#### Connectors

SuperStack 3 Switch 4900: 12 10/100/1000 copper ports SuperStack 3 Switch 4900 SX: 12 1000BASE-SX ports (MT-RJ) SuperStack 3 Switch 4924: 24 10/100/1000 copper ports SuperStack 3 Switch 4950:

12 10/100/1000 copper ports, 6 1000BASE-SX ports (MT-RJ), 6 GBIC ports

All have one module slot accommodating Switch 4900 family expansion modules

All have Advanced Redundant Power System Type 3 connector

SuperStack 3 Switch 4900 Expansion Modules: 3C17710: 4 x 1000BASE-SX ports (MT-RJ) 3C17711: 4 x 1000BASE-T ports (MT-RJ) 3C17712: 4 x 1000BASE-LX ports (MT-RJ) 3C17714: 4 x GBIC ports

Height: 6.6 cm (2.6 in) Width: 44 cm (17.3 in)

Dimensions

SuperStack 3 Switch 4900 & 4900 SX: 37 cm (14.5 in) SuperStack 3 Switch 4924 & 4950: 41 cm (16.3 in)

Weight:

SuperStack 3 Switch 4900 & 4900 SX: 6.5 kg (14.3 lb) SuperStack 3 Switch 4924: 6.3 kg (13.9 lb)

SuperStack 3 Switch 4950: 6.7 kg (14.8 lb)

#### Performance

SuperStack 3 Switch 4900 & 4900 SX 23 million packets per second SuperStack 3 Switch 4924 & 4950 41.6 million packets per second

#### Reliability

SuperStack 3 Switch 4900: 317,000 hours SuperStack 3 Switch 4900 SX: 340,000 hours SuperStack 3 Switch 4924: 208,000 hours SuperStack 3 Switch 4950: 266,000 hours

#### **Environmental Requirements**

Operating temperature: 0° to 40°C (32° to 104°F) Storage Temperature:  $-40^{\circ}$  to  $+70^{\circ}$ C ( $-40^{\circ}$  to  $+158^{\circ}$ F) Operating Humidity: 10% to 90% relative humidity non-condensing

Standards: EN60068 (IEC68)

#### **Safety Agency Certifications**

EN60950, IEC 60950 UL60950, CSA22.2 No. 60950

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:

4900 & 4900 SX: 50 W maximum (168 BTU/hr)

4924: 254 W maximum (870 BTU/hr) 4950: 200 W maximum (683 BTU/hr)

#### Power Supply

AC Line Frequency 50/60 Hz Input Voltage Options 90-240 VAC Current Rating 4.5A maximum

#### Industry Standards Supported

Ethernet Protocols IEEE 802.1D (STP) IEEE 802.1p (CoS) IEEE 802.1Q (VLANs) IEEE 802.1w (RSTP)

IEEE 802.3i (10BASE-T) IEEE 802.3u (Fast Ethernet) IEEE 802.3x (Flow Control) IEEE 802.3z (Gigabit Ethernet)

IEEE 802.3ad (Link Aggregation)

Administration Protocols

RFC768 (UDP) RFC791 (IP) RFC792 (ICMP) RFC793 (TCP) RFC826 (ARP) RFC854 (Telnet) RFC1350 (TFTP) RFC1542 (BOOTP/DHCP) RFC2616 (HTTP)

RFC1157 (SNMP Protocol) RFC1213 (SNMP MIB II) RFC1215 (SNMP MIB II Traps) RFC1493 (Bridge MIB)

RFC1659 (RS232 MIB) RFC1757 (RMON I)

SNMP Standards

RFC2021 (RMON II Probe Config) RFC2233 (Interfaces MIB)

RFC2618 (RADIUS Authentication Client MIB)

RFC2665 (EtherLike-MIB)

RFC2620 (RADIUS Accounting Client MIB)

RFC2674 (Bridge MIB Extensions)

RFC2668 (MAU MIB)

RFC2925 (Traceroute, Remote PING, Lookup MIB)

Routing Protocols RFC1058 (RIP) RFC1519 (CIDR) RFC1723 (RIP v2) RFC 1724 (RIP v2 Extensions)

RFC1850 (OSPF MIB) RFC2328 (OSPF Version 2) RFC2096 (IP Forwarding Table) RFC2131 (BOOTP/DHCP Relay)

#### Management

Web interface

Command line interface SNMP compatibility

Management through 3Com management applications

- 3Com Network Supervisor
- 3Com Network Director
- 3Com Enterprise Management Suite

updates.

Limited Lifetime Hardware Warranty, Limited Software Warranty for ninety (90) days. See www.3com.com/warranty for details.

#### Other Service Benefits

Advance hardware replacement with same day shipment for North America and Western Europe. Next day shipment for rest of world. Calls must be received by published cut-off times

90 days of telephone technical support. Limited software

See www.3com.com/warranty for more detail. Register products at http://eSupport.3com.com/

### 3COM® SUPERSTACK® 3 SWITCH 4900 FAMILY DATA SHEET

### **Ordering Information**

Switches         3Com SuperStack 3 Switch 4900 SX       3C17700         3Com SuperStack 3 Switch 4924 3C17701       3C17701         3Com SuperStack 3 Switch 4950 3C17706       3C17706         Optional Modules and Accessories         3Com XRN Interconnect Kit       3C17715         3Com 5m XRN Interconnect Cable       3C17722         3Com 4-Port 1000BASE-SX Module for SuperStack 3 Switch 4900 and Switch 40x0       3C17710         3Com 4-Port 1000BASE-T Module for SuperStack 3 Switch 4900 and Switch 40x0       3C17711         3Com 4-Port 1000BASE-LX Module for SuperStack 3 Switch 4900 and Switch 40x0       3C17712         3Com 4-Port GBIC Module for SuperStack 3 Switch 4900 and Switch 40x0       3C17712         3Com 4-Port GBIC Module for SuperStack 3 Switch 4900 and Switch 40x0       3C17714         Transceivers       3COM 1000BASE-LX GBIC       3CGBIC93         3Com 1000BASE-LX GBIC       3CGBIC93         3Com 1000BASE-LX GBIC       3CGBIC93         3Com 1000BASE-LX GBIC       3CGBIC93         3Com SuperStack Advanced Redundant Power System Chassis       3C16071B         3Com SuperStack Advanced Redundant Power System Type 3 325W       3C16071B         3Com SuperStack Advanced Redundant Power System Type 3 325W       3C16075         Network Management Suite       3C15500         3Com Express <sup></sup>	PRODUCT DESCRIPTION		3COM SKU
3Com SuperStack 3 Switch 4900 SX 3C17702 3Com SuperStack 3 Switch 4924 3C17701 3Com SuperStack 3 Switch 4950 3C17706  Optional Modules and Accessories 3Com XRN Interconnect Kit 3C17715 3Com 5m XRN Interconnect Cable 3C17722 3Com 4-Port 1000BASE-SX Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17710 3Com 4-Port 1000BASE-T Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17711 3Com 4-Port 1000BASE-LX Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17712 3Com 4-Port 1000BASE-LX Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17712 3Com 4-Port GBIC Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17714  **Transceivers** 3Com 1000BASE-X GBIC 3CGBIC91 3Com 1000BASE-X GBIC 3CGBIC93 3CGBIC93 3Com 1000BASE-LX GBIC 3CGBIC93 3COm 1000BASE-LT GBIC 3CGBIC93 3COm 1000BASE-LT GBIC 3CGBIC93 3COm 1000BASE-LT GBIC 3CGBIC93 3CGBIC93 3COm SuperStack Advanced Redundant Power System Chassis 3C16071B 3Com SuperStack Advanced Redundant Power System Type 3 325W 3C16075  **Network Management** 3Com Network Director 3C15500 3Com Enterprise Management Suite 3C15500 3Com Express™ Service Plans¹ Americas EMEA / AP 3Com SuperStack 3 Switch 4900 3CS-EX7N-08E 3CS-EXP4-X17 3Com SuperStack 3 Switch 4900 3CS-EX7N-11E 3CS-EXP4-X20 3COm SuperStack 3 Switch 4924 3CS-EX7N-10E 3CS-EXP4-X19			Scom Sito
3Com SuperStack 3 Switch 4924       3C17701         3Com SuperStack 3 Switch 4950       3C17706         Optional Modules and Accessories         3Com XRN Interconnect Kit       3C17715         3Com XRN Interconnect Cable       3C17722         3Com 4-Port 1000BASE-SX Module for SuperStack 3 Switch 4900 and Switch 40x0       3C17710         3Com 4-Port 1000BASE-T Module for SuperStack 3 Switch 4900 and Switch 40x0       3C17711         3Com 4-Port 1000BASE-LX Module for SuperStack 3 Switch 4900 and Switch 40x0       3C17714         Transceivers         3Com 1000BASE-LX GBIC Module for SuperStack 3 Switch 4900 and Switch 40x0       3C17714         Transceivers         3Com 1000BASE-LX GBIC       3CGBIC91         3Com 1000BASE-LX GBIC       3CGBIC92         3Com 1000BASE-LY GBIC       3CGBIC93         3Com 1000BASE-LH70 GBIC       3CGBIC93         Redundant Power         3Com SuperStack Advanced Redundant Power System Chassis       3C16071B         3Com SuperStack Advanced Redundant Power System Type 3 325W       3C16075         Network Management         3Com Network Director       3C15500         3Com Enterprise Management Suite       3C15600         3Com SuperStack 3 Switch 4900       3CS-EX7N-08E       3CS-EXP4-X17 </td <td>3Com SuperStack 3 Switch 4900</td> <td></td> <td>3C17700</td>	3Com SuperStack 3 Switch 4900		3C17700
3Com SuperStack 3 Switch 4950 3C17706  Optional Modules and Accessories  3Com XRN Interconnect Kit 3C17715 3Com Sm XRN Interconnect Cable 3C17722 3Com Sm XRN Interconnect Cable 3C17710 3Com 4-Port 1000BASE-SX Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17711 3Com 4-Port 1000BASE-IX Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17712 3Com 4-Port 1000BASE-IX Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17714 3Com 4-Port GBIC Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17714 3Com 1000BASE-IX GBIC 3CGBIC91 3Com 1000BASE-IX GBIC 3CGBIC92 3Com 1000BASE-IX GBIC 3CGBIC93 3Com 1000BASE-IH70 GBIC 3CGBIC97  Redundant Power 3Com SuperStack Advanced Redundant Power System Chassis 3C16071B 3Com SuperStack Advanced Redundant Power System Type 3 325W 3C16075  Network Management 3Com Network Director 3C15500 3Com Enterprise Management Suite 3C15500 3Com SuperStack 3 Switch 4900 3CS-EX7N-08E 3CS-EX7N-08E 3CS-EXP4-X17 3Com SuperStack 3 Switch 4900 3CS-EX7N-11E 3CS-EXP4-X20 3COm SuperStack 3 Switch 4900 3CS-EX7N-11E 3CS-EXP4-X20	3Com SuperStack 3 Switch 4900 SX	3C17702	
Optional Modules and Accessories  3Com XRN Interconnect Kit 3Com 5m XRN Interconnect Cable 3Com 5m XRN Interconnect Cable 3Com 5m XRN Interconnect Cable 3Com 4-Port 1000BASE-SX Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17710 3Com 4-Port 1000BASE-T Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17711 3Com 4-Port 1000BASE-LX Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17712 3Com 4-Port GBIC Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17714  **Transceivers**  3Com 1000BASE-SX GBIC 3CGBIC91 3Com 1000BASE-LX GBIC 3CGBIC92 3Com 1000BASE-LX GBIC 3CGBIC93A 3Com 1000BASE-LX GBIC 3CGBIC93A 3Com 1000BASE-LH70 GBIC 3CGBIC97  **Redundant Power**  3Com SuperStack Advanced Redundant Power System Chassis 3C16071B 3Com SuperStack Advanced Redundant Power System Type 3 325W 3C16075  **Network Management**  3Com Network Director 3C15500 3Com Express™ Service Plans¹ 3Com SuperStack 3 Switch 4900 3CS-EX7N-08E 3CS-EXP4-X17 3Com SuperStack 3 Switch 4900 3CS-EX7N-11E 3CS-EXP4-X20 3COm SuperStack 3 Switch 4924 3CS-EX7N-10E 3CS-EXP4-X19	3Com SuperStack 3 Switch 4924	3C17701	
3Com XRN Interconnect Kit 3C17715 3Com Sm XRN Interconnect Cable 3C17722 3Com 5m XRN Interconnect Cable 3C17722 3Com 4-Port 1000BASE-SX Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17710 3Com 4-Port 1000BASE-T Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17711 3Com 4-Port 1000BASE-LX Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17712 3Com 4-Port GBIC Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17714  **Transceivers** 3Com 1000BASE-SX GBIC 3CGBIC91 3Com 1000BASE-LX GBIC 3CGBIC92 3Com 1000BASE-LX GBIC 3CGBIC93 3Com 1000BASE-LH70 GBIC 3CGBIC97  **Redundant Power** 3Com SuperStack Advanced Redundant Power System Chassis 3Com SuperStack Advanced Redundant Power System Type 3 325W 3C16071B 3Com SuperStack Advanced Redundant Power System Type 3 325W 3C16075  **Network Management** 3Com Network Director 3C15500 3Com Express™ Service Plans¹ Americas  **EMEA I AP** 3Com SuperStack 3 Switch 4900 3CS-EXPN-4X17 3Com SuperStack 3 Switch 4900 3CS-EXPN-11E 3CS-EXP4-X20 3Com SuperStack 3 Switch 4924 3CS-EXPN-10E 3CS-EXP4-X19	3Com SuperStack 3 Switch 4950	3C17706	
3Com 5m XRN Interconnect Cable 3C17722 3Com 4-Port 1000BASE-SX Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17710 3Com 4-Port 1000BASE-T Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17711 3Com 4-Port 1000BASE-LX Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17712 3Com 4-Port GBIC Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17714  **Transceivers**  3Com 1000BASE-SX GBIC 3CGBIC91 3Com 1000BASE-SX GBIC 3CGBIC92 3Com 1000BASE-LX GBIC 3CGBIC92 3Com 1000BASE-T GBIC 3CGBIC93 3Com 1000BASE-T GBIC 3CGBIC97  **Redundant Power**  3Com SuperStack Advanced Redundant Power System Chassis 3C16071B 3Com SuperStack Advanced Redundant Power System Type 3 325W 3C16075  **Network Management**  3Com Network Director 3C0m Express™ Service Plans' Americas  **EMEA / AP** 3Com SuperStack 3 Switch 4900 3CS-EX7N-08E 3CS-EX7N-08E 3CS-EX7N-11E 3CS-EX7N-11E 3CS-EXP4-X20 3Com SuperStack 3 Switch 4924 3CS-EX7N-10E 3CS-EX7N-10E	Optional Modules and Accessories		
3Com 4-Port 1000BASE-SX Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17710 3Com 4-Port 1000BASE-T Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17711 3Com 4-Port 1000BASE-LX Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17712 3Com 4-Port GBIC Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17714  **Transceivers**  3Com 1000BASE-SX GBIC 3CGBIC91 3Com 1000BASE-LX GBIC 3CGBIC92 3Com 1000BASE-LT GBIC 3CGBIC93A 3Com 1000BASE-LH70 GBIC 3CGBIC97  **Redundant Power**  3Com SuperStack Advanced Redundant Power System Chassis 3Com SuperStack Advanced Redundant Power System Type 3 325W 3C16075  **Network Management**  3Com Network Director 3COM Express™ Service Plans¹ 3Com SuperStack 3 Switch 4900 3CS-EX7N-08E 3CS-EXP4-X17 3Com SuperStack 3 Switch 4900 3CS-EX7N-11E 3CS-EXP4-X20 3Com SuperStack 3 Switch 4924 3CS-EX7N-10E 3CS-EXP4-X19	3Com XRN Interconnect Kit		3C17715
3Com 4-Port 1000BASE-T Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17711 3Com 4-Port 1000BASE-LX Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17712 3Com 4-Port GBIC Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17714  **Transceivers**  3Com 1000BASE-SX GBIC 3CGBIC91 3Com 1000BASE-LX GBIC 3CGBIC92 3Com 1000BASE-T GBIC 3CGBIC93A 3Com 1000BASE-LH70 GBIC 3CGBIC97  **Redundant Power**  3Com SuperStack Advanced Redundant Power System Chassis 3Com SuperStack Advanced Redundant Power System Type 3 325W 3C16071B 3Com SuperStack Advanced Redundant Power System Type 3 325W 3C16075  **Network Management**  3Com Network Director 3COm Enterprise Management Suite 3C15500 3Com Express™ Service Plans¹ Americas EMEA / AP² 3Com SuperStack 3 Switch 4900 3CS-EX7N-08E 3CS-EX7N-08E 3CS-EXP4-X17 3Com SuperStack 3 Switch 4900SX 3CS-EX7N-11E 3CS-EXP4-X20 3COm SuperStack 3 Switch 4924 3CS-EX7N-10E 3CS-EXP4-X19	3Com 5m XRN Interconnect Cable	3C17722	
3Com 4-Port 1000BASE-LX Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17712 3Com 4-Port GBIC Module for SuperStack 3 Switch 4900 and Switch 40x0 3C17714  Transceivers 3Com 1000BASE-SX GBIC 3CGBIC91 3Com 1000BASE-LX GBIC 3CGBIC92 3Com 1000BASE-LT GBIC 3CGBIC93A 3Com 1000BASE-LH70 GBIC 3CGBIC97  Redundant Power 3Com SuperStack Advanced Redundant Power System Chassis 3C16071B 3Com SuperStack Advanced Redundant Power System Type 3 325W 3C16075  Network Management 3Com Network Director 3Com Express <sup>SM</sup> Service Plans¹ 3Com SuperStack 3 Switch 4900 3CS-EX7N-08E 3CS-EXP4-X17 3Com SuperStack 3 Switch 4924 3CS-EX7N-11E 3CS-EXP4-X19	3Com 4-Port 1000BASE-SX Module for SuperStack 3 Switch 4900 and	3C17710	
3Com 4-Port GBIC Module for SuperStack 3 Switch 4900 and Switch 40x0  3C17714  Transceivers  3Com 1000BASE-SX GBIC 3CGBIC91 3Com 1000BASE-LX GBIC 3CGBIC92 3Com 1000BASE-LH70 GBIC 3CGBIC97  Redundant Power  3Com SuperStack Advanced Redundant Power System Chassis 3C16071B 3Com SuperStack Advanced Redundant Power System Type 3 325W 3C16075  Network Management 3Com Network Director 3COm Enterprise Management Suite 3Com SuperStack 3 Switch 4900 3Com SuperStack 3 Switch 4900 3Com SuperStack 3 Switch 4924 3Com SuperStack 3 Switch 4924 3CS-EX7N-11E 3CS-EXP4-X19	3Com 4-Port 1000BASE-T Module for SuperStack 3 Switch 4900 and	3C17711	
Transceivers         3Com 1000BASE-SX GBIC       3CGBIC91         3Com 1000BASE-LX GBIC       3CGBIC92         3Com 1000BASE-LH70 GBIC       3CGBIC93A         3Com 1000BASE-LH70 GBIC       3CGBIC97         Redundant Power         3Com SuperStack Advanced Redundant Power System Chassis       3C16071B         3Com SuperStack Advanced Redundant Power System Type 3 325W       3C16075         Network Management         3Com Network Director       3C15500         3Com Enterprise Management Suite       3C15600         3Com Express <sup>SM</sup> Service Plans'       Americas       EMEA / AP <sup>2</sup> 3Com SuperStack 3 Switch 4900       3CS-EX7N-08E       3CS-EXP4-X17         3Com SuperStack 3 Switch 4900SX       3CS-EX7N-11E       3CS-EXP4-X20         3Com SuperStack 3 Switch 4924       3CS-EX7N-10E       3CS-EXP4-X19	3Com 4-Port 1000BASE-LX Module for SuperStack 3 Switch 4900 and	3C17712	
3Com 1000BASE-SX GBIC       3CGBIC91         3Com 1000BASE-LX GBIC       3CGBIC92         3Com 1000BASE-T GBIC       3CGBIC93A         3Com 1000BASE-LH70 GBIC       3CGBIC97         Redundant Power         3Com SuperStack Advanced Redundant Power System Chassis       3C 16071B         3Com SuperStack Advanced Redundant Power System Type 3 325W       3C 16075         Network Management         3Com Network Director       3C 15500         3Com Enterprise Management Suite       3C 15600         3Com Express™ Service Plans¹       Americas       EMEA / AP²         3Com SuperStack 3 Switch 4900       3CS-EX7N-08E       3CS-EXP4-X17         3Com SuperStack 3 Switch 4900SX       3CS-EX7N-11E       3CS-EXP4-X20         3Com SuperStack 3 Switch 4924       3CS-EX7N-10E       3CS-EXP4-X19	3Com 4-Port GBIC Module for SuperStack 3 Switch 4900 and Switch	3C17714	
3Com 1000BASE-LX GBIC       3CGBIC92         3Com 1000BASE-T GBIC       3CGBIC93A         3Com 1000BASE-LH70 GBIC       3CGBIC97         Redundant Power         3Com SuperStack Advanced Redundant Power System Chassis       3C16071B         3Com SuperStack Advanced Redundant Power System Type 3 325W       3C16075         Network Management         3Com Network Director       3C15500         3Com Enterprise Management Suite       3C15600         3Com Express <sup>SM</sup> Service Plans¹       Americas       EMEA / AP°         3Com SuperStack 3 Switch 4900       3CS-EX7N-08E       3CS-EXP4-X17         3Com SuperStack 3 Switch 4900SX       3CS-EX7N-11E       3CS-EXP4-X20         3Com SuperStack 3 Switch 4924       3CS-EX7N-10E       3CS-EXP4-X19	Transceivers		
3Com 1000BASE-T GBIC 3CGBIC93A 3Com 1000BASE-LH70 GBIC 3CGBIC97  Redundant Power  3Com SuperStack Advanced Redundant Power System Chassis 3C16071B 3Com SuperStack Advanced Redundant Power System Type 3 325W 3C16075  Network Management 3Com Network Director 3C15500 3Com Enterprise Management Suite 3C0m SuperStack 3 Switch 4900 3Com Express⁵™ Service Plans¹ 3Com SuperStack 3 Switch 4900SX 3CS-EX7N-08E 3CS-EXP4-X17 3Com SuperStack 3 Switch 4924 3CS-EX7N-11E 3CS-EXP4-X19	3Com 1000BASE-SX GBIC	3CGBIC91	
3Com 1000BASE-LH70 GBIC  Redundant Power  3Com SuperStack Advanced Redundant Power System Chassis  3C16071B 3Com SuperStack Advanced Redundant Power System Type 3 325W  3C16075  Network Management 3Com Network Director  3C15500 3Com Enterprise Management Suite  3C15600  3Com Express <sup>SM</sup> Service Plans¹  Americas  3C15600  3Com SuperStack 3 Switch 4900  3CS-EX7N-08E  3CS-EXP4-X17 3Com SuperStack 3 Switch 4924  3CS-EX7N-11E  3CS-EXP4-X19	3Com 1000BASE-LX GBIC	3CGBIC92	
Redundant Power  3Com SuperStack Advanced Redundant Power System Chassis 3C16071B 3Com SuperStack Advanced Redundant Power System Type 3 325W 3C16075  Network Management 3Com Network Director 3C15500 3Com Enterprise Management Suite 3C15600  3Com Express <sup>M</sup> Service Plans' Americas EMEA / AP <sup>2</sup> 3Com SuperStack 3 Switch 4900 3CS-EX7N-08E 3CS-EXP4-X17 3Com SuperStack 3 Switch 4900SX 3CS-EX7N-11E 3CS-EXP4-X20 3Com SuperStack 3 Switch 4924 3CS-EX7N-10E 3CS-EXP4-X19	3Com 1000BASE-T GBIC	3CGBIC93A	
3Com SuperStack Advanced Redundant Power System Chassis 3C16071B 3Com SuperStack Advanced Redundant Power System Type 3 325W 3C16075  **Network Management**  3Com Network Director 3C15500 3Com Enterprise Management Suite 3C15600  **3Com Express** Service Plans' Americas EMEA / AP*  3Com SuperStack 3 Switch 4900 3CS-EX7N-08E 3CS-EXP4-X17  3Com SuperStack 3 Switch 4900SX 3CS-EX7N-11E 3CS-EXP4-X20  3Com SuperStack 3 Switch 4924 3CS-EX7N-10E 3CS-EXP4-X19	3Com 1000BASE-LH70 GBIC	3CGBIC97	
3Com SuperStack Advanced Redundant Power System Type 3 325W       3C16075         Network Management         3Com Network Director       3C15500         3Com Enterprise Management Suite       3C15600         3Com Express <sup>5M</sup> Service Plans¹       Americas       EMEA / AP²         3Com SuperStack 3 Switch 4900       3CS-EX7N-08E       3CS-EXP4-X17         3Com SuperStack 3 Switch 4900SX       3CS-EX7N-11E       3CS-EXP4-X20         3Com SuperStack 3 Switch 4924       3CS-EX7N-10E       3CS-EXP4-X19	Redundant Power		
Network Management           3Com Network Director         3C15500           3Com Enterprise Management Suite         3C15600           3Com Express™ Service Plans¹         Americas         EMEA / AP²           3Com SuperStack 3 Switch 4900         3CS-EX7N-08E         3CS-EXP4-X17           3Com SuperStack 3 Switch 4900SX         3CS-EX7N-11E         3CS-EXP4-X20           3Com SuperStack 3 Switch 4924         3CS-EX7N-10E         3CS-EXP4-X19	3Com SuperStack Advanced Redundant Power System Chassis	3C16071B	
3Com Network Director         3C15500           3Com Enterprise Management Suite         3C15600           3Com Express <sup>SM</sup> Service Plans¹         Americas         EMEA / AP³           3Com SuperStack 3 Switch 4900         3CS-EX7N-08E         3CS-EXP4-X17           3Com SuperStack 3 Switch 4900SX         3CS-EX7N-11E         3CS-EXP4-X20           3Com SuperStack 3 Switch 4924         3CS-EX7N-10E         3CS-EXP4-X19	3Com SuperStack Advanced Redundant Power System Type 3 325W	3C16075	
3Com Enterprise Management Suite       3C 15600         3Com Express™ Service Plans¹       Americas       EMEA / AP²         3Com SuperStack 3 Switch 4900       3CS-EX7N-08E       3CS-EXP4-X17         3Com SuperStack 3 Switch 4900SX       3CS-EX7N-11E       3CS-EXP4-X20         3Com SuperStack 3 Switch 4924       3CS-EX7N-10E       3CS-EXP4-X19	Network Management		
3Com Express <sup>SM</sup> Service Plans¹         Americas         EMEA / AP²           3Com SuperStack 3 Switch 4900         3CS-EX7N-08E         3CS-EXP4-X17           3Com SuperStack 3 Switch 4900SX         3CS-EX7N-11E         3CS-EXP4-X20           3Com SuperStack 3 Switch 4924         3CS-EX7N-10E         3CS-EXP4-X19	3Com Network Director	3C15500	
3Com SuperStack 3 Switch 4900       3CS-EX7N-08E       3CS-EXP4-X17         3Com SuperStack 3 Switch 4900SX       3CS-EX7N-11E       3CS-EXP4-X20         3Com SuperStack 3 Switch 4924       3CS-EX7N-10E       3CS-EXP4-X19	3Com Enterprise Management Suite		3C15600
3Com SuperStack 3 Switch 4900SX         3CS-EX7N-11E         3CS-EXP4-X20           3Com SuperStack 3 Switch 4924         3CS-EX7N-10E         3CS-EXP4-X19	3Com Express™ Service Plans¹	Americas	EMEA / AP <sup>2</sup>
3Com SuperStack 3 Switch 4924 3CS-EX7N-10E 3CS-EXP4-X19	3Com SuperStack 3 Switch 4900	3CS-EX7N-08E	3CS-EXP4-X17
	3Com SuperStack 3 Switch 4900SX	3CS-EX7N-11E	3CS-EXP4-X20
3Com SuperStack 3 Switch 4950 3CS-EX7N-13E 3CS-EXP4-X21	3Com SuperStack 3 Switch 4924	3CS-EX7N-10E	3CS-EXP4-X19
· · · · · · · · · · · · · · · · · · ·	3Com SuperStack 3 Switch 4950	3CS-EX7N-13E	3CS-EXP4-X21

<sup>1</sup>Includes telephone support, advance hardware replacement, and software upgrades <sup>2</sup>Europe, Middle East, Africa and Asia Pacific



3Com Corporation, Corporate Headquarters, 350 Campus Drive, Marlborough, MA 01752-3064

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