3Com® Switch 7700 Family

DATA SHEET

An integral part of a 3Com Secure Converged Network:

- Chassis-based design for enterprise distribution and edge

- On-board switching for superior performance

- Resilient configuration for highest availability

Key Benefits

Scalability
Scales to 292 Gigabit or 288 Fast Ethernet ports. Add 10 Gbps (10-Gigabit Ethernet) connections for switch-to-switch links. Choose from 8-slot redundant, 7-slot, and 4-slot chassis configurations.

Performance
Provides up to 240 Gbps switching performance with local switching on each blade. Helps reduce congestion in the core of the network, improving application response times when accessing data across the network.

Prioritize Converged and other Business-Critical Traffic
Advanced policy-based Class of Service/ Quality of Service (CoS/QoS), eight priority queues, committed access rates, and bandwidth limiting and filtering enables identification and prioritization of business-critical traffic, such as voice, for optimal network performance. Routing of multicast traffic in hardware on the Switch 7700 helps enable maximum performance for streamed voice and video data.

Network Level Availability
Helps minimize network down-time, providing a robust platform capable of supporting VoIP traffic. Enable rapid disaster recovery with resilient links, link aggregation, Spanning Tree Protocol (STP), Rapid Spanning Tree Protocol (RSTP), Open Shortest Path First (OSPF), and Virtual Router Redundancy Protocol (VRRP). Redundant chassis architecture supports power supplies, fans and hot-swappable switching modules for virtually non-stop operation, while sub-one-second fabric failover on the 3Com Switch 7708R helps enable the highest level of network availability.

Security
IEEE 802.1X RADIUS Network Login and Access Control Lists provide secure network access control. Management traffic can be authenticated using SNMP v3 and SSH encryption[*], preventing unauthorized configuration of the network. Layer 3 protocols can also be authenticated.

Network Control
All 3Com Switch 7700 modules support hardware-based packet filters, Virtual LANs (VLANs; protocol-and port-based) and RMON support for greater network control.

Advanced Layer 3 Support
Provides multiprotocol routing support of IP and multicast traffic control through IGMP and PIM SM/DM routing, for logical network segmentation and secure communication. IPX routing supports banking and education environments. Capabilities for MAN deployments and larger networks are provided through the support for BGP[*] and IS-IS[*].

Convergence-Ready Power over Ethernet
Two chassis models support industry standard IEEE 802.3af Power over Ethernet for powering IP phones, Wireless Access Points, and other compatible devices.

Powerful, Unified Management
Switches are powered by the 3Com Operating System, the same proven software shared across our premium enterprise products including the 3Com Switch 8800 modular families. This consolidates administrative control over the switching infrastructure when using 3Com management application software such as 3Com Enterprise Management Suite and 3Com Network Director.

[*] Available in the 3Com Advanced Feature Software, at additional cost; for use with 64 Gbps or 32 Gbps switch fabrics.

Power over Ethernet

New to the 3Com Switch 7700 family are two chassis with IEEE 802.3af standard Power over Ethernet (PoE) support. These chassis have been designated 775X to distinguish them from the earlier 770X chassis. The Switch 7757 chassis is a PoE-ready 7-slot chassis while the 7754 is a 4-slot PoE-ready chassis.

The 3Com® Switch 7700 modular LAN switch family delivers high-performance, multilayer, 10-Gigabit, Gigabit, and Fast Ethernet switching and routing in a scalable, flexible, modular chassis. Three chassis configurations are offered:

- High-availability 8-slot redundant chassis, with six payload slots, primary switch fabric, and optional backup switch fabric.

- 7-slot, with six payload slots plus switch fabric.

- 4-slot, with three payload slots and switch fabric.

The resilient systems architecture helps provide business network continuity for data and voice convergence applications—required in demanding core and campus environments.

The 3Com Switch 7700 is ideal for campus and building-level switching in the core or distribution of the network, with support for up to six 10-Gigabit or 288 Gigabit ports. Power over Ethernet (PoE) support in two chassis—Switch 7757 and 7754—and 48-port PoE Gigabit and Fast Ethernet modules make the Switch 7700 ideal for edge installations.

The Switch 7708R 8-Slot chassis is designed for networking environments demanding the highest level of resiliency. When configured with an optional spare switch fabric, the Switch 7708R boasts sub-one-second switch fabric failover should there be a primary fabric failure, helping ensure continuous network operation.

Fault-tolerant aggregation features in the Switch 7700 family include Virtual Router Redundancy Protocol (VRRP), Rapid Spanning Tree Protocol (RSTP), Spanning Tree Protocol (STP), Multiple Spanning Tree Protocol (MSTP), and link aggregation for virtually non-stop network availability. The architecture of the Switch 7700 supports a passive backplane and N+1 redundant power supplies for seamless network operation.

The Switch 7700 family supports IP (RIP, OSPF[†]), IPX[†], and IGMP PIM (DM and SM) multicast routing for logical network segmentation and traffic control. Advanced QoS features provide differentiated network services for traffic classification and prioritization based on Diffserv Code point, Type of Service (ToS), and IEEE 802.1p Class of Service (CoS).

Advanced Bandwidth management allows different traffic flows to be shaped using packet priority, minimum and maximum bandwidth thresholds, and individual flow weightings.
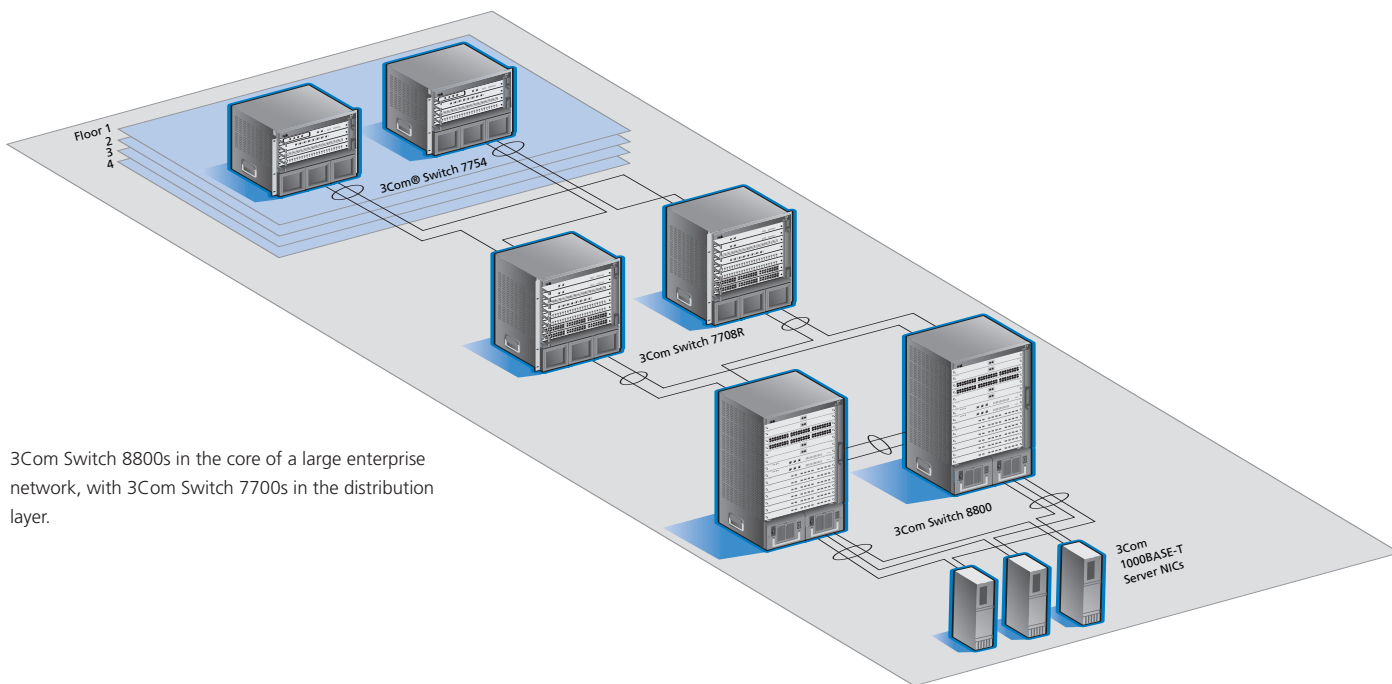
These features enable optimal priority queuing of network data, helping to ensure minimal congestion for important traffic. Routing in hardware of multicast traffic for voice and video streaming enables minimal latencies through the switch.

The network can be secured from unauthorized access through IEEE 802.1X RADIUS Network Login, Access Control Lists and management authentication. The chassis supports most cabling requirements and offers comprehensive management for simple configuration and advanced network monitoring and troubleshooting.
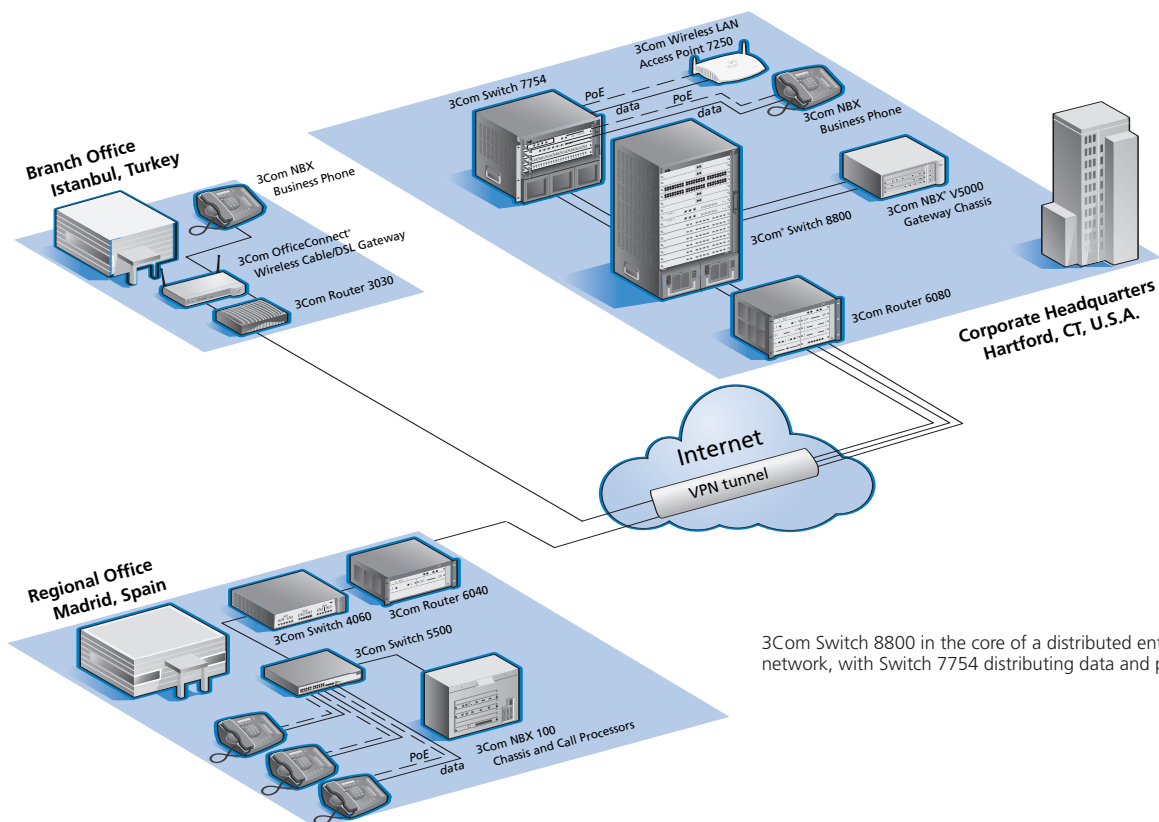
The 96 Gbps switch fabric supports four SFP-based ports for additional Gigabit copper or fiber connections. This is particularly helpful when Gigabit ports are required for an uplink, and the payload slots contain Fast Ethernet modules.

[†] 64 Gbps or 32 Gbps switch fabrics only.

Sample configurations supported by the Switch 7700 Family

Floor 1
2
3
4

3Com® Switch 7754

3Com Switch 7708R

3Com Switch 8800

3Com
1000BASE-T
Server NICs

3Com Switch 8800s in the core of a large enterprise network, with 3Com Switch 7700s in the distribution layer.

3Com Wireless LAN
Access Point 7250

3Com Switch 7754

PoE
data

PoE
data

3Com NBX
Business Phone

Branch Office
Istanbul, Turkey

3Com NBX
Business Phone

3Com' Switch 8800

3Com NBX® V5000
Gateway Chassis

3Com OfficeConnect®
Wireless Cable/DSL Gateway

3Com Router 3030

3Com Router 6080

Corporate Headquarters
Hartford, CT, U.S.A.

Internet

VPN tunnel

Regional Office
Madrid, Spain

3Com Switch 4060

3Com Router 6040

3Com Switch 5500

PoE
data

3Com NBX 100
Chassis and Call Processors

3Com Switch 8800 in the core of a distributed enterprise network, with Switch 7754 distributing data and power.

Features

PERFORMANCE	
Backplane capacity	Switch 7708R and 7757 chassis: 96 Gbps; Switch 7754: 24 Gbps
Maximum aggregate system bandwidth	Switch 7708R and 7757 chassis: 240 Gbps; Switch 7754: 120 Gbps
Maximum aggregate system throughput	Switch 7708R and 7757 chassis: 179 Mpps; Switch 7754: 89 Mpps
LAYER 2 SWITCHING	
MAC address	32K MAC addresses
	10K static MAC addresses
	Modules forwarding (delay <10µs)
	9K jumbo frame support
VLAN	4096 VLANs (IEEE 802.1Q)
	Port-based (IEEE 802.1Q) and protocol-based (IEEE 802.1v) VLANS
	GARP VLAN Registration Protocol (GVRP)
	IPv6 tunneling using protocol-based VLANs
Link aggregation	IEEE 802.3ad Link Aggregation Control Protocol (LACP)
	Supports maximum of 64 link aggregation groups
Auto-negotiation	Auto-negotiation of port speed and duplex
Traffic control	IEEE 802.3x full-duplex flow control
	Back pressure flow control for half-duplex
	Supports broadcast storm suppression per VLAN
STP/RSTP	IEEE 802.1D Spanning Tree Protocol (STP)
	IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
	IEEE 802.1S Multiple Spanning Tree Protocol instances (MSTP)
	Single STP instance
	Bridge Protocol Data Unit (BPDU) protection
LAYER 3 SWITCHING	
Routes	Hardware based routing
	64K routes
	64K static routes
	64K dynamic / static Address Resolution Protocol (ARP) entries
IP routing	64 IP interfaces
	Routing Information Protocol (RIP), v1 and v2; supports Split Horizons
	Open Shortest Path First (OSPF)[†], v1 and v2; 50 areas
	Border Gateway Protocol 4 (BGP4)*
	Intra-Domain Intermediate System to Intermediate System (IS-IS)*
Multicast	Hardware-based multicast routing for wirespeed performance
	1K multicast routes
	Internet Group Management Protocol (IGMP) snooping on Layer 2 interfaces
	IGMP v1 and v2
	GARP Multicast Registration Protocol (GMRP)
	Protocol Independent Multicast-Dense Mode (PIM-DM)
	Protocol Independent Multicast-Sparse Mode (PIM-SM)
Network protocol	Dynamic Host Configuration Protocol Relay (DHCP Relay)
	TCP/IP protocol stack
	ARP
Resilience	Virtual Router Redundancy Protocol (VRRP): 14 virtual routers per switch; each virtual router supports 16 IP addresses

[†] 64 Gbps or 32 Gbps switch fabrics only.

* Available in the 3Com Advanced Feature Software; for use with 64 Gbps or 32 Gbps switch fabrics.

Features, continued

CONVERGENCE	
Priority queues	Eight hardware queues per port
Traffic prioritization	Flow-based QoS profiles
	Ingress and egress
	Remarking of packets based on priority:
	• Auto classification of NBX telephones
	• Selectable prioritization
	• Diffserv Code Point (DSCP)
	• Type of Service (ToS)
	• IEEE 802.1p Class of Service (CoS)
	• IP precedence
	• Local precedence: physical port, source/destination MAC address, VLAN information, Ethernet type, Layer 3 protocol, source/destination IP address, DSCP, datagram type, IP Layer 4 protocol, IP Layer 4 ports
Bandwidth management	Flow based bandwidth management
	Flows identified through Access Control Lists (ACLs)
	Minimum and maximum thresholds:
	• 64kbit/s increments
	• 128 traffic classes per port
	• 512 flows per class
Queue handling	Random Early Detect/Discard (RED)
	Queuing algorithms
	Strict Priority Queuing
	Weighted Round Robin (WRR) provided through bandwidth management
Power over Ethernet	IEEE 802.3af standards-compliant
	Switch 775X model chassis only
	Available 10/100 and 10/100/1000 48-Port PoE switch modules
	Requires external PoE Power Rack Unit:
	• one 2,500W PSU standard with Power Rack Unit.
	• one 2,500W PSU supports up to 162 PoE ports at full standard 15.4W per port
	• add one or two additional 2,500W PSU for added PoE and N+1 PoE redundancy
SECURITY	
Network login	IEEE 802.1X user authentication
	Local authentication and RADIUS authentication
Packet filtering	Wirespeed packet filtering in hardware
	Supports a maximum of 1,536 ACL rules
	ACLs filter at Layers 2, 3, and 4: physical port, source/destination MAC address, VLAN information, Ethernet type, Layer 3 protocol, source/destination IP address, DSCP, datagram type, IP Layer 4 protocol, IP Layer 4 ports
Switch protocol security	MD5 cipher-text authentication and clear-text authentication for OSPF v2 and RIP v2 packets and SNMP v3 traffic
Switch management	IEEE 802.1X user authentication on switch Telnet sessions
	Hierarchical management and password protection for management interface
MANAGEMENT	
System configuration and management	Command Line Interface (CLI) configuration mode
	Configuration via the control console port
	Local/remote configuration via Telnet
	Remote configuration via modem dial-up
	System configuration with SNMP v1, 2, and 3*
	Comprehensive statistics
	Remote Monitoring (RMON) groups statistics, history, alarm, and events
	ACL/QoS statistics
	IP interface statistics
	System log
	Syslog

*Encryption of SNMP v3 traffic available in the 3Com Advanced Feature Software; for use with 64 Gbps or 32 Gbps switch fabrics.

Features, continued

MANAGEMENT, continued	
System maintenance	Detailed alarm/debug information
	Hierarchical alarms
	Alarm generation
	Alarm filtering
	Statistics
	Supports ping and traceroute
	Configuration file for backup and restore
Bandwidth management	Flow based bandwidth management
	Flows identified through Access Control Lists (ACLs)
	Minimum and maximum thresholds:
	• 64kbit/s increments
	• 128 traffic classes per port
	• 512 flows per class
Queue handling	Random Early Detect/Discard (RED)
	Queuing algorithms
	Strict priority queuing
	WRR (Weighted Round Robin) provided through bandwidth management
System file transfer mechanisms	Xmodem
	File Transfer Protocol (FTP)
	Trivial File Transfer Protocol (TFTP)
Graphical management	3Com Management Applications:
	• 3Com Network Director for comprehensive, turn-key network management for the enterprise
	• 3Com Network Supervisor for basic, turn-key network management for small and medium businesses
	• 3Com Enterprise Management Suite for flexible, extensible management in advanced enterprise IT environments

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, network design, and engineering based on evaluation of business objectives
Project Management	Provides extra focus and resources that special projects demand
	3Com personnel 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℠ 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 in this section is relevant to all members of the 3Com Switch 7700 family, unless stated otherwise.

Capacities and Performance
3Com Switch 7708R 8-slot:
One switch fabric, one optional redundant fabric, six optional payload slots
Backplane: 96 Gbps
Max. system bandwidth: 240 Gbps
Max. aggregate system throughput: 179 Mpps

3Com Switch 7757 7-slot:
One switch fabric, six optional payload slots
Backplane: 96 Gbps
Max. system bandwidth: 240 Gbps (full duplex)
Max. aggregate system throughput: 179 Mpps

3Com Switch 7754 4-slot:
One switch fabric, three optional payload slots
Backplane: 24 Gbps
Max. system bandwidth: 120 Gbps (full duplex)
Max. aggregate system throughput: 89 Mpps

All models:
Layer 3: 64 interfaces, IP routing at 48 Mpps, 64k IP routing entries

Available Switch Fabrics
96 Gbps Switch Fabric:
Chassis model compatibility: Switch 7757 and 7754, and Switch 7700 7-slot and 4-slot legacy models

Connections: 4 SFP Gigabit ports
(does not provide IPX or OSPF routing, and is not supported by Advanced Feature Software)

64 Gbps Switch Fabric:
Chassis model compatibility: 7708R, 7757, and 7754, and Switch 7700 7-slot legacy model

Connections: none
(provides IPX and OSPF routing, and is supported by Advanced Feature Software)

32 Gbps Switch Fabric:
Chassis model compatibility: 7754 and Switch 7700 4-slot legacy model

Connections: 4 10/100/1000 or SFP Gigabit ports, using optional sub-module
(provides IPX and OSPF routing, and is supported by Advanced Feature Software)

Connectivity:
Mix and match in available payload slots:
48-port 10BASE-T/100BASE-TX
48-port 10BASE-T/100BASE-TX PoE‡
8-port 10/100/1000BASE-T
20-port 10/100/1000BASE-T
48-port 10/100/1000BASE-T
48-port 10/100/1000BASE-T PoE‡
8-port 1000BASE-X (GBIC)
20-port 1000BASE-X (SFP)
24-port 100BASE-FX (multi-mode fiber)
1-port 10GBASE-X (XENPAK)
4-port 1000BASE-T†
4-port 1000BASE-X (SFP)‡

Dimensions
Switch 7708R 8-slot:
Height: 51.9 cm (20.4 in)
Width: 43.6 cm (17.2 in)
Depth: 48.0 cm (18.9 in)
Weight (fully loaded chassis): <70 kg (154 lbs)

Switch 7757 7-slot:
Height: 48.6 cm (19.1 in)
Width: 43.6 cm (17.2 in)
Depth: 48.0 cm (18.9 in)
Weight (fully loaded chassis): <70 kg (154 lbs)

Switch 7754 4-slot:
Height: 35.2 cm (13.8 in)
Width: 43.6 cm (17.2 in)
Depth: 48.0 cm (18.9 in)
Weight (fully loaded chassis): <46 kg (102 lbs)

Switch Power Supply
550 W AC Power Supply
Input voltage: 100-240 VAC autoranging
Operating frequency: 47-63 Hz
Maximum current: 15A at 110 VAC; 7A at 200 VAC
Maximum output power: 460 W

Environmental Requirements
Operating temperature:
0° to 40°C (32° to 104°F)
Operating humidity:
5% to 85% non-condensing
Storage temperature:
-40° to 70°C (-40° to 158°F)
Storage humidity:
10% to 90% non-condensing

MTBF
Switch 7700 64 Gbps Switch Fabric (3C16857):
63 years (552,000 hours)
Switch 7700 1000BASE-X Module (8-port 3C16858):
66 years (583,000 hours)
Switch 7700 10/100/1000BASE-T Module (8-port 3C16859):
66 years (583,000 hours)
Switch 7700 10/100BASE-TX Module (3C16860):
38 years (336,000 hours)
Switch 7700 100BASE-FX Module (3C16861):
63 years (552,000 hours)
Switch 7700 1000BASE-X Module (20-port, 3C16862):
63 years (552,000 hours)
Switch 7700 10/100/1000BASE-T Module (20-port, 3C16863):
38 years (336,000 hours)
Switch 7700 10GBASE-X Module (3C16875):
261 years (2,286,000 hours)
Switch 7700 10/100/1000BASE-T Module (48-port, 3C16888):
38 years (336,000 hours)
Switch 775X External PoE Power Rack (3C16883):
18 years (158,000 hours)
Switch 775X PoE Power Supply Unit (3C16884):
43 years (375,000 hours)

Security
IEEE 802.1X RADIUS
Access Control Lists (ACL)
Packet filtering
SNMP v3 encryption*
SSH 1.5 web session encryption*

Industry Standards Supported
Ethernet Protocols
IEEE 802.1D (STP)
IEEE 802.1p (CoS)
IEEE 802.1Q (VLANs)
IEEE 802.1S (MSTP)
IEEE 802.1v (VLANs)
IEEE 802.1w (RSTP)
IEEE 802.1X (Security)
IEEE 802.3ad (LACP)
IEEE 802.3ae (10G Ethernet)
IEEE 802.3i (10BASE-T)
IEEE 802.3u (Fast Ethernet)
IEEE 802.3x (Flow Control)
IEEE 802.3z (Gigabit Ethernet)

Administration Protocols
RFC 768 (UDP)
RFC 783 (TFTP)
RFC 791 (IP)
RFC 792 (ICMP)
RFC 793 (TCP)
RFC 826 (ARP)
RFC 959 (FTP)
RFC 1058 (RIP v1)
RFC 1112 (IGMP v1)
RFC 1518, 1519 (CIDR)
RFC 1587 (OSPF NSSA option)
RFC 1723 (RIP v2)
RFC 1765 (OSPF Database Overflow)
RFC 1812 (IP v4)
RFC 2131 (DHCP)
RFC 2132 (DHCP and BOOTP Extension)
RFC 2138 (Radius Authentication)
RFC 2139 (Radius Accounting)
RFC 2236 (IGMP v2)
RFC 2267 (Network Ingress Filtering)
RFC 2328 (OSPF v2)
RFC 2338 (VRRP)

RFC 2362 (PIM-SM)
RFC 2370 (OSPF Opaque LSA Option)
RFC 2474 (Diffserv)
RFC 2622 (Routing policy)
RFC 2819 (RMON)
Management, including MIBs Supported
RFC 1155 (Structure and Mgmt Information (SMI v1))
RFC 1157 (SNMP v1/v2c)
RFC 1213 (MIB II)
RFC 1213, 1573 (MIB II)
RFC 1493 (Bridge MIB)
RFC 1573 (Private IF MIB)
RFC 1724 (RIP Version 2 MIB Extension)
RFC 1850 (OSPF Version 2 MIB Extension)
RFC 1901-1907 (SNMP v2c, SMI v2 and Revised MIB-II)
RFC 2233 (Interfaces MIB)
RFC 2271 (FrameWork)
RFC 2571-2575 (SNMP v3)*
RFC 2578-2580 (SMI v2)
RFC 2618 (RADIUS Authentication Client MIB)
RFC 2620 (RADIUS Accounting Client MIB)
RFC 2665 (Pause control)
RFC 2668 (IEEE 802.3 MAU MIB)
RFC 2674 (VLAN MIB Extension)
RFC 2787 (VRRP MIB)

Emissions / Agency Approvals
CISPR 22 Class A
FCC Part 15 Class A
EN 55022 Class A
ICES-003 Class A
VCCI Class A
Korean Class A
CNS 13438 Class A
AS/NZS 3548 Class A
EN 61000-3-2
EN 61000-3-3

Immunity
Product conforms to:
EN 55024: 1998
EN 61000-4-2
EN 61000-4-3
EN 61000-4-4
EN 61000-4-5
EN 61000-4-6
EN 61000-4-11

Safety Agency Certifications
UL 60950 3rd ed.
IEC 60950: 1999, corr. Feb. 2000; all national deviations
EN 60950: 2000, ZB and ZC deviations
CSA 22.2 No. 950 3rd ed., 1995
NOM-019 SCFI, Mexico; AS/NZS 60950:2000, Australia; Russian GOST safety approval

Management
SNMP and Telnet support
Multiple agents with single management entry point
RMON-1
RMON Groups: Statistics, History, Alarms and Events
Statistics gathering and reporting

Command line interface
Connectivity: 10BASE-T (RJ-45) Ethernet, RS-232 control port

Management through 3Com management applications
- 3Com Network Supervisor
- 3Com Network Director
- 3Com Enterprise Management Suite

Features of Advanced Feature Software
SNMP v3 and SSH v1.5 Encryption (security)
BGP4 (WAN routing protocol)
IS-IS (Large-scale WAN routing protocol)

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

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‡ For use only in Switch 775X model chassis.

† For use only in Switch 7700 32 Gbps Switch Fabric.

* Available in the 3Com Advanced Feature Software, at additional cost; for use with 64 Gbps or 32 Gbps switch fabrics.

Ordering Information

PRODUCT DESCRIPTION	
Starter Kits and Chassis Bundles	
3Com Switch 7708R 8-Slot Starter Kit (consisting of chassis, two power supplies, fan assembly, and one 64 Gbps switch fabric)	3C16852-xx
3Com Switch 7757 7-Slot Chassis Bundle (consisting of PoE-ready chassis, two power supplies, and fan assembly; switch fabric must be ordered separately)	3C16895-xx
3Com Switch 7754 4-Slot Chassis Bundle (consisting of PoE-ready chassis, one power supply, and fan assembly; switch fabric must be ordered separately)	3C16894-xx
Switch Fabrics	
3Com Switch 7700 96 Gbps Switch Fabric (for chassis 7757 and 7754, and Switch 7700 7-slot and 4-slot legacy models)	3C16886
3Com Switch 7700 64 Gbps Switch Fabric (for chassis 7757 and Switch 7700 7-slot legacy model)	3C16857
3Com Switch 7700 64 Gbps Switch Fabric (for chassis 7708R)	3C16857R
3Com Switch 7700 32 Gbps Switch Fabric (for chassis 7754 and Switch 7700 4-slot legacy model)	3C16872
Modules	
3Com Switch 7700 8-port 1000BASE-X (GBICs required, sold separately)	3C16858
3Com Switch 7700 8-port 10/100/1000BASE-T (RJ-45 connectors)	3C16859
3Com Switch 7700 48-port 10/100BASE-TX (RJ-45 connectors)	3C16860
3Com Switch 7700 24-port 100BASE-FX (MT-RJ connectors)	3C16861
3Com Switch 7700 20-port 1000BASE-X (SFPs required, sold separately)	3C16862
3Com Switch 7700 20-port 10/100/1000BASE-T (RJ-45 connectors)	3C16863
3Com Switch 7700 1-port 10GBASE-X (XENPAK required, sold separately)	3C16875
3Com Switch 7700 4-port 10/100/1000BASE-T Fabric Sub-module (RJ-45 connectors)[†]	3C16873
3Com Switch 7700 4-port 1000BASE-X Fabric Sub-module (GBICs required, sold separately)[†]	3C16874
3Com Switch 7700 48-port 10/100/1000BASE-T (RJ-45 connectors)	3C16888
3Com Switch 7700 48-port 10/100/1000BASE-T PoE (RJ-45 connectors)[‡]	3C16890
3Com Switch 7700 48-port 10/100BASE-TX PoE (RJ-45 connectors)[‡]	3C16891

PRODUCT DESCRIPTION	
Power over Ethernet (PoE) Components	
3Com Switch 775X External PoE Power Rack (with one 2,500W PoE Power Supply Unit)	3C16883-xx
3Com Switch 775X PoE Power Supply Unit (2,500W PoE Power Supply)	3C16884
Software (for use only with 64 and 32 Gbps switch fabrics)	
3Com Switch 7700 Advanced Feature Software (for use with 64 Gbps Switch Fabric, 3C16872R)	3CR1686591S-V3
3Com Switch 7700 Advanced Feature Software (for use with 64 Gbps Switch Fabric, 3C16872)	3CR1686591R-V3
3Com Switch 7700 Advanced Feature Software (for use with 32 Gbps Switch Fabric, 3C16857)	3CR1686591-V3
Transceivers	
3Com 1000BASE-SX GBIC	3CGBIC91
3Com 1000BASE-LX GBIC	3CGBIC92
3Com 1000BASE-T GBIC	3CGBIC93A
3Com 1000BASE-LH70 (70km) GBIC	3CGBIC97
3Com 1000BASE-SX SFP	3CSFP91
3Com 1000BASE-LX SFP	3CSFP92
3Com 1000BASE-T SFP	3CSFP93
3Com 1000BASE-LH70 (70km) SFP	3CSFP97
3Com 10GBASE-LR XENPAK	3CXENPAK92
3Com 10GBASE-ER XENPAK	3CXENPAK96
Spare Components	
3Com Switch 7700 Family AC Power Supply	3C16854
3Com Switch 7708R Fan Assembly	3C16855
3Com Switch 7700 7-Slot Fan Assembly	3C16856
3Com Switch 7700 4-Slot Fan Assembly	3C16871

[†] For use only in Switch 7700 32 Gbps Switch Fabric.
[‡] For use only in Switch 775X model chassis.

3COM