



SuperStack II Switches

High-performance 10/100/1000 stackable switches for increasing bandwidth at the desktop and in the workgroup

The SuperStack II family of switches make high-performance, low-cost switching a reality at the desktop and workgroup level, eliminating traffic bottlenecks with high-speed Gigabit Ethernet, Fast Ethernet, FDDI, or ATM connections to servers and network backbones.

The family of 3Com SuperStack® II switches have revolutionized network services by delivering increased bandwidth solutions that are easy to implement, are highly flexible, and offer better management of distributed resources.

Without replacing your existing desktop equipment and cabling, these powerful switches extend dedicated 10 Mbps switched Ethernet to desktops, add bandwidth to existing shared Ethernet workgroups, and provide high-speed "fat pipes" for servers and backbones. Fast Ethernet Switches provide extra performance where needed and support the most demanding of end users. Workgroup switches are the least disruptive and most

affordable way to boost performance and eliminate client/server bottlenecks.

Most importantly, SuperStack II switches protect your investment by providing you with an easy migration path to the higher-speed transmission technologies of the future. You can build your network today confident that you can install ATM and Gigabit Ethernet in your existing network in the future.

SuperStack II Switches are part of a complete product family with scalable multi-technology connections, integrated management with a common look and feel, and optional uninterruptible and redundant power systems.

Key Benefits:

- **Improves bandwidth.** Increases workgroup performance immediately without expensive changes to the desktop PC or cabling system.
- **Part of the SuperStack II system.** Include SuperStack II switches as part of a larger stackable system.
- **Congestion minimized.** Reduce congestion to your servers and backbone links by utilizing high bandwidth "fat pipes".
- **All types of technologies.** Support a wide range of network technologies, including

Ethernet, Fast Ethernet, FDDI, ATM, and Gigabit Ethernet, for all of your bandwidth requirements.

- **Excellent features.** Get exceptional functionality such as RMON support on every port, virtual LAN (VLAN) capabilities, and full duplex switching.
- **Reliability.** Automatically minimize error packets and broadcast storms and help centralize resources for greater manageability.



SuperStack II Switch 3000 Family

With the SuperStack II Switch 3000 family you'll find the solution you need.

The new SuperStack II Switch 3000 10/100 supports Ethernet and Fast Ethernet switching in one 12-port stackable switch. Full- and half-duplex support on all ports means 200 Mbps bandwidth to each connected device. The SuperStack II Switch 3000 10/100 incorporates 3Com's auto-sensing technology, which enables the switch to detect Ethernet or Fast Ethernet connections. The SuperStack II Switch 3000 10/100 switches support up to 8,160 MAC addresses for the largest, high-performance networks.

The SuperStack II Switch 3000 FX supplies five 100BASE-FX (fiber) ports and one 100BASE-TX (twisted-pair copper) port for workgroup devices and backbones. An optional 10 Mbps transceiver interface is also available for the 3000 FX switch.

The SuperStack II Switch 3000 TX, offers eight 100BASE-TX ports for floor configurations. The SuperStack II Switch 3000 FX and 8-port TX switches support up to 4,080 MAC addresses, extending bandwidth to large networks servicing many users.

You can use a Switch 3000 to build collapsed backbone configurations that centralize other Ethernet/Fast Ethernet switches and/or hubs. And you can aggregate multiple servers and SuperStack II Switch 1000, SuperStack II Desktop Switch, and SuperStack II Hub 100.

All SuperStack II Switch 3000 models offer a slot for an optional, high-speed module, including:

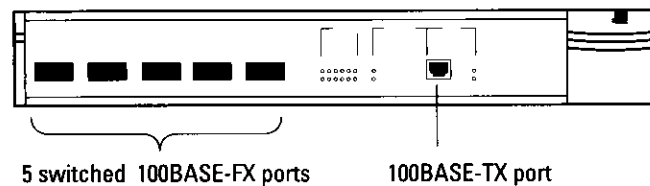
- A module that provides an extra Fast Ethernet high-speed port 100BASE-TX or 100BASE-FX or ATM OC-3c multimode or Gigabit Ethernet 1000BASE-SX. (See pages 9 and 10.)

The SuperStack II Switch 3000 Family includes these features (see page 3 for details):

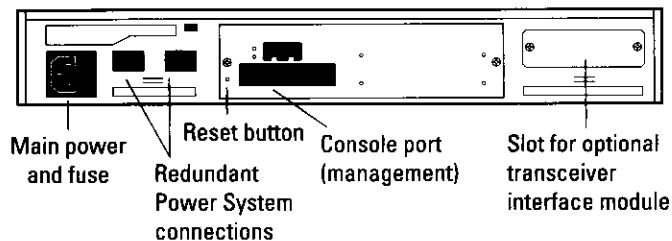
- PACE technology
- Resilient links
- Disconnect Unauthorized Device
- RMON support
- Optional UPS and ARPS support
- VLAN management,
- IFM flow control
- Spanning tree
- Broadcast traffic control
- Transcend network management
- Full duplex Fast Ethernet over fiber

SuperStack II Switch 3000 FX

Front view

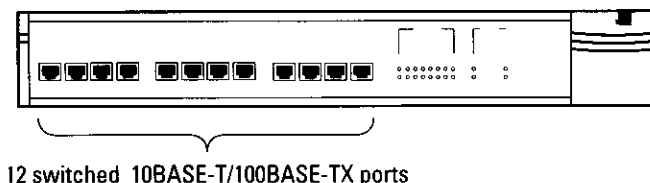


Back view

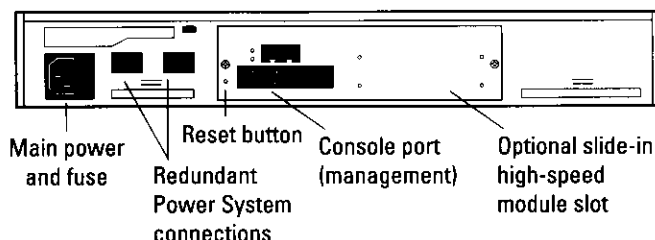


SuperStack II Switch 3000 10/100

Front view



Back view



SuperStack II Switches at a Glance

Stackable, versatile switches—ideal solutions for workgroup management and performance

Product name	SuperStack II Desktop Switch	SuperStack II Switch 1000	SuperStack II Switch 2200	SuperStack II Switch 2700	SuperStack II Switch 3000 FX and 3000 TX	SuperStack II Switch 3000 10/100	SuperStack II Switch 9000 SX ⁴
Switching technology	Ethernet/Fast Ethernet ATM/Gigabit Ethernet	Ethernet/Fast Ethernet ATM/Gigabit Ethernet	Ethernet/FDDI	Ethernet/ATM	Fast Ethernet ATM/Gigabit Ethernet	Ethernet/Fast Ethernet ATM/Gigabit Ethernet	Gigabit Ethernet
Ethernet ports (RJ-45 connectors)	24 10BASE-T ports	12 or 24 10BASE-T ports	16 10BASE-T ports	12 10BASE-T ports	N/A	12 10BASE-T/100BASE-TX ports	N/A
Optional 10 Mbps Transceiver Interface Module ¹	Yes	Yes	No	No	3000-FX only	No	No
Fast Ethernet ports	One 100BASE-TX	One 100BASE-TX	N/A One 100BASE-TX	N/A	3000 FX = Five 100BASE-FX/fiber 100BASE-TX 3000 TX = Eight 100BASE-TX	12 10BASE-T/100BASE-TX ports	N/A
FDDI connectivity	N/A	N/A	One FDDI (DAS with two fiber MICs) ⁴	N/A	N/A	N/A	N/A
ATM connectivity	Optional ATM OC-3c 155 Mbps multimode fiber	Optional ATM OC-3c 155 Mbps multimode fiber	N/A	One ATM (155 Mbps OC-3c multimode/single-mode 11 dB SC connector) ¹ and DS-3 45 MB	Optional ATM OC-3c 155 Mbps multimode fiber	Optional ATM OC-3c 155 Mbps multimode fiber	N/A
Gigabit Ethernet	Optional 1000BASE-SX module ²	Optional 1000BASE-SX module ²			Optional 1000BASE-SX module ²	Optional 1000BASE-SX module ²	8 1000BASE-SX ⁴ ports
Optional extra high-speed links	100BASE-FX/TX 1000BASE-SX ATM OC-3c multimode	100BASE-FX/TX 1000BASE-SX ATM OC-3c multimode	N/A	N/A	100BASE-FX/TX 1000BASE-SX ATM OC-3c multimode	100BASE-FX/TX 1000BASE-SX ATM OC-3c multimode	N/A
Forwarding method	CT/S&F/ISM ⁵	CT/S&F/ISM ⁶	S&F ⁵	CT/S&F ⁷	S&F ⁵	S&F ⁵	S&F ⁵
Number of MAC addresses	One user per port unlimited on the backbone port	500 per switch, unlimited on the backbone port	8,192	8,192	4,080	8,160	12,000
RMON support	Seven groups	Seven groups	Roving Analysis Port (four groups)	Six groups	Seven groups	Seven groups	Four groups
Switching engine	BRASICA	BRASICA	ISE	ZipChip	BRASICA	BRASICA	SHARED MEMORY
Height	2 3/4 in/7.0 cm	2 3/4 in/7.0 cm	2 1/2 in/6.4 cm	1 3/4 in/4.4 cm	2 3/4 in/7.0 cm	2 3/4 in/7.0 cm	3 1/2 in/8.8 cm
Width	17 1/4 in/44 cm	17 1/4 in/44 cm	17 1/4 in/44 cm	17 1/4 in/44 cm	17 1/4 in/44 cm	17 1/4 in/44 cm	17 1/2 in/44 cm
Depth	12 in/30 cm	12 in/30 cm	14 1/2 in/36.8 cm	11 in/27.5 cm	12 in/30 cm	12 in/30 cm	17 1/2 in/44.5 cm
Weight	9 2/3 lb/4.4 kg	9 2/3 lb/4.4 kg	10 lb/4.5 kg	5 1/2 lb/2.5 kg	9 lb/4.1 kg	9 lb/4.1 kg	22.3 lbs./10 kg
Mounting	Includes hardware for mounting in a standard 19-inch rack.						
Warranty summary	3Com's one-year limited warranty (also covered 100BASE-FX and Gigabit Ethernet/100BASE-SX, ATM OC-3c multimode modules)						
Aggregate bandwidth	Full wire speed	Full wire speed	Full wire speed	Full wire speed	Full wire speed	Full wire speed	Full wire speed
Ethernet latency	40 µsec (CT) 8 µsec (S&F)	40 µsec (CT) 8 µsec (S&F)	30 µsec	Ethernet to ATM 33 µsec (S&F) 54 µsec (CT)	N/A	N/A	N/A
High-speed port latency	40 µsec (CT) 8 µsec (S&F)	40 µsec (CT) 8 µsec (S&F)	10/25 µsec ³ (S&F)	130 µsec (CT)	8 µsec (S&F)	8 µsec (S&F)	3 µsec (S&F)
Packet buffering	Max 1 MB total	Max 1 MB total (24 port)	1 MB total per port	192 KBytes per port	256 KBytes per port	256 KBytes per port	4 MB
MTBF (hours)	43,063	43,063 24 port 50,676 12 port	33,887	71,948	42,466 FX 46,771 TX	32,662	50,000 ⁸
Part number	3C16902	3C16900A 24 port 3C16901A 12 port	3C220000A	3C32700A ¹	3C16940A FX 3C16941A TX	3C16942A	3C16990 ⁴

¹ See SuperStack II Switch 2700 options listed on page 17

² Available November 1997 for SuperStack II Switch 3000 TX, FX and 3000 10/100 and for SuperStack II Switch 1000 and Desktop Switch, first half of 1998.

³ Nontranslational/translational

⁴ Available November 1997

⁵ CT = Cut-through, S&F = Store and Forward, ISM = Intelligent Switching Mode

⁶ Each port is also useable as a SAS connection

⁷ See page 17 for full list of connectors

⁸ MIL HDBK 217F Notice 1 Parts Stress Method

Specifications

SuperStack II High-Performance Stackable Switches

Interfaces

All have 1 RS-232 (DB-9 connector) management port and redundant power interface

SuperStack II Desktop Switch

24 Ethernet ports: 10BASE-T interfaces (RJ-45 connectors)
1 Fast Ethernet port: 100BASE-T interface (RJ-45 connector)
Optional: Fast Ethernet module (SC fiber or RJ-45 connectors)
ATM OC-3c multimedia (155 Mbps) module
Optional Gigabit Ethernet 1000BASE-SX module (available Q4CY97)
10 Mbps transceiver module (AUI, BNC, ST fiber, TP, and 10BASE-FB)

SuperStack II Switch 1000

12/24 Ethernet ports: 10BASE-T interfaces (RJ-45 connectors)
1 Fast Ethernet port: 100BASE-T interface (RJ-45 connector)
Optional Fast Ethernet module (SC fiber or RJ-45 connectors)
Optional ATM OC-3c multimedia (155 Mbps) module
Optional Gigabit Ethernet 1000BASE-SX module (available Q4CY97)
10 Mbps transceiver interface module (AUI, BNC, ST fiber, TP, and 10BASE-FB)

SuperStack II Switch 2200

16 Ethernet ports: 10BASE-T interfaces (RJ-45 connectors)
1 FDDI port: DAS fiber MIC port (Each port also usable as a SAS connection)
Full rate multicast support
MAC-layer switching: transparent to all protocols

SuperStack II Switch 2700

12 Ethernet ports: 10BASE-T interfaces (RJ-45 connectors)
1 ATM port: 155 Mbps SONET/SDH multimode/single-mode SC connector (11 dB), or 45 Mbps DS-3 (BNC connector)
Full rate multicast support
Full rate forward/filter: 390 Kbps per 12 ports
Full rate data forward: 430 Mbps per 12 ports
MAC-layer switching: transparent to all protocols
IEEE 802.1d spanning tree support

ATM Switching

Standard LAN Emulation
SVC signaling compliant with UNI 3.1

SuperStack II Switch 3000 FX

5 fiber Fast Ethernet ports: 100BASE-FX interfaces (SC connectors)
1 copper Fast Ethernet port: 100BASE-TX interface (RJ-45 connector)
Optional Fast Ethernet module (SC fiber or RJ-45 copper)
Optional ATM OC-3c multimode (155 Mbps) module
Optional Gigabit Ethernet 1000BASE-SX module (available Q4CY97)
Optional 10 Mbps transceiver module (AUI, BNC, ST fiber, TP, and 10BASE-FB)
Broadcast traffic control
Detailed performance counters

SuperStack II Switch 3000 TX

8 copper Fast Ethernet ports: 100BASE-TX interface (RJ-45 connector)
Optional Fast Ethernet module (SC fiber or RJ-45 copper)
Optional ATM OC-3c multimode (155 Mbps) module
Optional Gigabit Ethernet 1000BASE-SX module (available Q4CY97)
Broadcast traffic control
Detailed performance counters

SuperStack II Switch 3000 10/100

12 auto sensing 10BASE-T/100BASE-TX interface RJ-45 connector
Optional: Fast Ethernet module
CSC fiber of RJ-45 copper
Optional ATM OC-3c multimode (155 Mbps) module
Optional Gigabit Ethernet 1000BASE-SX module (available Q4CY97)
8 x Gigabit Ethernet ports. All 850 nm multimode fiber (via duplex SC connectors)

SuperStack II Switch 9000 SX

8 x Gigabit Ethernet full duplex ports. 850 nm supporting multimode fiber (via duplex SC connectors)

Power Requirements

SuperStack II Desktop Switch and SuperStack II Switch 1000

Power consumption: 30 W
Fuse protection: 5 A Time Delay fuse
Heat dissipation/hour: 341 BTU/hour max
Input voltage range: 100-120/200-240 VAC
Input frequency: 50/60 Hz
Input current (max.): 3 A at 100 V, 2 A at 200 V

SuperStack II Switch 2200

Power consumption: 48.5 W
Fuse protection: T.3.15 A
Heat dissipation/hour: 165 BTU
Input voltage range: 85-264 VAC
Input frequency: 50/60 Hz
Input current (typical):
2 A at 110 VAC
1 A at 240 VAC
Inrush current (peak): 20 A

SuperStack II Switch 2700

Power consumption: 30 W
Fuse protection: 2 A
Heat dissipation/hour: 105 BTU
Input voltage range: 100-240 VAC
Input frequency: 50/60 Hz
Input current (typical):
2.5 A at 115 VAC
1.5 A at 230 VAC
Inrush current (peak):
25 A at 115 VAC
50 A at 230 VAC
Option for 110 VAC only

SuperStack II Switch 3000 FX and 3000 TX

Power consumption: 55.2 W
Fuse protection: 3 A
Heat dissipation/hour: 341.2 BTU/hour (max)
Input voltage range: 100-120/200-240 VAC
Input frequency: 50-60 Hz
Input current (max.):
3 A at 100 V
2 A at 200 V

SuperStack II Switch 3000 10/100

Power consumption: 74 W
Fuse protection: 3 A at 100 V; 2 A at 200 V
Heat dissipation/hour: 341.2 BTU/hour (max)
Input voltage range: 100-120/200-240 VAC
Input frequency: 50-60 Hz
Input current (max.):
3 A at 100 V
2 A at 200 V

SuperStack II Switch 9000 SX

Power consumption: 117.5 W
Heat dissipation/hour: 401 BTU/hour
Input voltage range: 100-120/200-240 VAC
Input frequency: 50-60 Hz
Input current (max.): 3 A at 115 V
2 A at 240 V.

Environmental Ranges

SuperStack II Desktop Switch, SuperStack II Switch 1000, SuperStack II Switch 2700, SuperStack II Switch 3000 FX, SuperStack II Switch 3000 TX, and SuperStack II Switch 3000 10/100

Operating Temperature: 32° to 104°F relative humidity (0° to 40°C)
Operating humidity: 10% to 95% noncondensing
Storage temperature: 14°C to 158°F (-10°C to 70°C)
Storage humidity: 10% to 95% noncondensing

SuperStack II Switch 2200

Operating temperature: 32° to 104°F (0° to 40°C)
Operating humidity: Up to 90% noncondensing
Storage temperature: -4° to 185°F (-20° to 85°C)
Storage humidity: 10% to 95% noncondensing

SuperStack II Switch 9000 SX

Operating temperature: 32° to 104°F (0° to 40°C)
Operating humidity: 10% to 95% noncondensing
Storage temperature: 14° to 158°F (-10° to 70°C)

Specifications

SuperStack II High-Performance Stackable Switches, continued

Indicators

SuperStack II Desktop Switch and SuperStack II Switch 1000

Ethernet ports: per-port link status, packet activity

Fast Ethernet port: link status, packet activity

Unit: transceiver interface module fitted, high-speed module fitted, power, fault

SuperStack II Switch 2200

Ethernet ports: link status, error

FDDI port: ring up, error

System: Run, Power, Diag, Over Temp

SuperStack II Switch 2700

Ethernet ports: per-port link status, collision, activity

ATM port: link status, fail, activity

Unit: power, fail, activity

SuperStack II Switch 3000 FX and SuperStack II Switch 3000 TX

Fast Ethernet ports: per-port link status, packet activity

Unit: high-speed module fitted, power, fault

SuperStack II Switch 3000 10/100

Ethernet/Fast Ethernet ports: per-port link status, packet activity

Unit: high-speed module fitted, power, fault

SuperStack II Switch 9000 SX

Per-port LED indicators, link status, activity

Unit: Power and management status

Management

All switches support SNMP and 3Com Transcend network management applications.

SuperStack II Desktop Switch, SuperStack II Switch 1000, SuperStack II Switch 3000 FX, SuperStack II Switch 3000 TX, SuperStack II Switch 3000 10/100, and SuperStack II 9000 SX

In-band management over Ethernet/Fast Ethernet/Gigabit Ethernet

Local management via RS-232 (DB-9 port)

MIBs supported: MIB II, RMON, Bridge MIB, Repeater MIB

SuperStack II Switch 2200

In-band and out-of-band management over Ethernet

Local management via RS-232 (DB-9 port)

MIBs supported: Ethernet MIB, FDDI SMT 7.3 MIB, Bridge MIB, SNMP/FDDI MIB, RMON

SuperStack II Switch 2700

In-band SNMP management over Ethernet

Local management via RS-232 (DB-9 port)

ILMI and OAM support

MIBs supported: MIB II, Bridge MIB, Ethernet MIB, ATOM MIB (based on draft 6.0), SONET MIB, Virtual LAN MIB (private), RMON

SuperStack II Switch 9000 SX

In-band over Gigabit Ethernet local management via RS-232 (DB-9 port)

Standards Compliance

SuperStack II Desktop Switch, SuperStack II Switch 1000, SuperStack II Switch 3000 FX, SuperStack II Switch 3000 TX, and SuperStack II Switch 3000 10/100

Electromagnetic compatibility: EN55022 Class B*; Vfg 243; FCC Part 15 Class A; C108.8-M1983 Class A; EN50082-1 (IEC801 Parts 2-5); EN60555 Part 2 VCCI Class 2*

Shock and vibration: EN60068 (IEC 68)

Safety: UL1950; EN60950 (BSI, TUV); CSA22.2, ECMA 97

Communication protocols: RFC 826 ARP, RFC 791 IP, RFC 792 ICMP, RFC 768 UDP, RFC 793 TCP, RFC 783 TFTP IPX, BootP.

Management protocols: RFC 1157 SNMP, RFC 854-859 Telnet options, RFC 1213 MIB II, RFC 1757 RMON; RFC 1516 IETF 802.3, RFC 1493 Bridge MIB, IfStackTable RFC 1573 MIB V1.

SuperStack II Switch 2200

Electromagnetic compatibility: FCC Part 15, Class B; CISPR22 Class A

Safety: EN60950; UL1950; CSA22.2; TUV; VCCI "T"

Communications/management protocols: SNMP: SNMP protocol (RFC 1157), MIB II (RFC 1213), SNMP/FDDI MIB (RFC 1512), Ethernet MIB (RFC1398), Bridge MIB (RFC 1463) RMON (RFC 1757)

* Category 5 screened cables must be used to ensure compliance with the Class B requirements of this standard.

The use of unscreened cables (Category 3 or 5 for 10BASE-T ports or Category 5 for 100BASE-TX ports) complies with the Class A requirements.

SuperStack II Switch 2700

Electromagnetic compatibility: EN55022; FCC Part 15, Class A; VDE 0871 Part 2; CISPR22

Safety: EN60950, UL1950, CSA22.2, TUV

Communications protocols: RFC 826 ARP, RFC 791 IP, RFC 792 ICMP, RFC 768 UDP, RFC 793 TCP

Management protocols: RFC 1157 SNMP, RFC 1212 Concise, RFC 1213 MIB II, RFC 1212 Traps

Others: VT100 terminal interface protocol

Safety: UL1950, EN60825-1 and EN60950/1992/A3:1995 plus ZB/ZC Deviations.

Communication protocols: SNMP RFC 1157, ARP RFC 826, IP RFC 791, ICMP RFC 792, UDP RFC 768, TCP RFC 793, TFTP RFC 783

Management protocols: SNMP MIB II RFC 1213, RMON MIB RFC 1757

Bridge MIB RFC 1493, Evolution of the interface MIB RFC 1573

SuperStack II Switch 9000 SX

Electromagnetic compatibility: EN55022 Class B; FCC Part 15 Class A; CSA C108.8-M1983 (A), VCCI Class 2

EN50082-1 (IEC801 Parts 2-4), EN 61000 -3 -2, EN 61000 -4 -3, EN 61000 -4 -5, EN 61000 -4 -6, EN 61000 -4 -11

Safety: UL1950, EN60825-1, CSA 22.2 No. 950, Russian GOST and EN60950; 1992/A3: 1995 plus ZB/ZC Deviations.

Management protocols: SNMP RFC 1157, ARP RFC 826, IP RFC 791, ICMP RFC 792, UDP RFC 768, TCP RFC 793, TFTP RFC 783, Telnet RFC 854, BootP.

Management Information Bases (MIBs): MIB II RFC 1213, Remote Monitoring MIB RFC 1571, Bridge MIB, RFC 1493, Evolution of the interface MIB RFC 1573

The ATM OC-3c Module supports:

SuperStack II Switch 1000 (12 and 24 port)

SuperStack II Switch 3000 FX and TX 8 Port

SuperStack II Desktop Switch

SuperStack II Switch 3000 10/100

General

1 ATM OC-3c port: 155 Mbps multimode fiber port with SC connector. SONET / SDH framing

Management

In-band management over Ethernet/Fast Ethernet or ATM Ethernet LAN Emulation

Supports SNMP and 3Com Transcend network management applications.

MIBs supported on switch: MIB II, Bridge MIB, Ethernet MIB, Repeater MIB, RMON (seven groups per port)

MIBs supported on ATM module: ATOM MIB, SONET MIB, ATM Forum LEC MIB, RMON (four groups per LEC)

Local management via RS-232 (DB-9 port) on SuperStack II Switch 1000 / Switch 3000

ATM

ATM Forum LANE 1.0

ATM Forum UNI Signaling versions 3.0 / 3.1

ATM Forum ILMI

Environmental Specifications

Operating temperature: 0 to 50° (32 to 122°F)

Operating humidity: 10 to 95% relative humidity
Noncondensing

Power Requirements

Power consumption: 35 W

Heat dissipation/hour: 119.3 W BTU/hour

Standards Compliance

Electromagnetic compatibility: EN55022 Class B, FCC Part 15 Class A; C108.8-M1983 Class A

EN50082-1 (IEC801 Parts 2-5); EN60555 Part 2

Shock and vibration: EN60068 (IEC 68)

Safety: UL1950; EN60950; CSA22.2, No 950, ECMA 97

Communication protocols: RFC 826 ARP, RFC 791 IP, RFC 792 ICMP, RFC 768 UDP, RFC 793 TCP, RFC 783 TFTP

Management protocols: RFC 1157 SNMP, RFC 854-859 Telnet options, RFC 1212 Concise, RFC 1213 MIB II, RFC 1215 Traps, RFC 1757 RMON, RFC 1516 Repeater MIB



Specifications

SuperStack II High-Performance Stackable Switches, continued

3Com Corporation

P.O. Box 58145
5400 Bayfront Plaza
Santa Clara, CA 95052-8145
Phone: 1-800-NET-3Com
or 1-408-764-5000
Fax: 1-408-764-5001
World Wide Web:
<http://www.3com.com>

Asia Pacific Rim

Sydney, Australia: 61 2 9937 5000
Melbourne, Australia: 61 3 9866 8022
Beijing, China: 86 10 68492 568
Shanghai, China: 86 21 6374 0220
Ext. 6115
Hong Kong: 852 2501 1111
India: 91 11 644 3974
Indonesia: 62 21 572 2088
Osaka, Japan: 81 6 536 3303
Tokyo, Japan: 81 3 3345 7251
Korea: 82 2 319 4711
Malaysia: 60 3 732 7910
New Zealand: 64 9 366 9138
Philippines: 632 892 4476
Singapore: 65 538 9368
Taiwan: 886 2 377 5850
Thailand: 662 231 8151

3Com Benelux B.V.

Belgium: 32 2 725 0202
Netherlands: 31 30 6029700

3Com Canada

Calgary: 1 403 265 3266
Edmonton: 1 403 423 3266
Montreal: 1 514 683 3266
Ottawa: 1 613 566 7055
Toronto: 1 416 498 3266
Vancouver: 1 604 434 3266

3Com European HQ

44 1442 438000

3Com France

33 1 69 86 68 00

3Com GmbH

Austria: 43 1 5134323
Czech/Slovak Republics: 420 2 21845 800
Berlin, Germany: 49 30 3498790
Munich, Germany (Central European HQ):
49 89 627320
Hungary: 36 1 250 83 41
Poland: 48 22 6451351
Switzerland: 41 31 996 14 14

3Com Ireland

353 1 820 7077

3Com Latin America

U.S. Headquarters: 1-408-326-2093
3Com Northern Latin America
(Miami, Florida): 1-305-261-3266
Argentina: 54 1 312 3266
Brazil: 55 11 546 0869
Chile: 56 2 633 9242
Colombia: 57 1 629 4110
Mexico: 52 5 520 7841
Peru: 51 1 221 5399
Venezuela: 58 2 953 8122

3Com Mediterraneo

Milan, Italy: 39 2 253011
Rome, Italy: 39 6 5279941
Spain: 34 1 383 17 00

3Com Middle East

971 4 349049

3Com Nordic AB

Denmark: 45 39 27 85 00
Finland: 358 0 435 420 67
Norway: 47 22 58 47 00
Sweden: 46 8 632 56 00

3Com Russia

7 095 258 09 40

3Com Southern Africa

27 11 807 4397

3Com UK Ltd.

Edinburgh: 44 131 220 8228
Manchester: 44 1618 737717
Marlow: 44 1628 897000

The Gigabit Ethernet module supports*:

SuperStack II Switch 1000
(12 and 24 ports) **
SuperStack II Switch 3000 FX and
TX 8 port
SuperStack II Switch 3000 10/100
SuperStack II Desktop Switch **

General

1 single 850 nm fiber optic port
with SC-duplex connectors full
duplex mode

Management

In-band management over
Ethernet/ Fast Ethernet
Supports SNMP and 3Com
Transcend network management
applications.

MIBs supported on Gigabit
Ethernet module: IETF 802.3
Repeater MIB RFC 1516, SNMP
MIB II RFC 1213, RMON MIB
RFC 1757, interfaces evolution
MIB RFC 1573, SONET MIB RFC
1595, ATOM MIB RFC 1695,
ATM Forum LEC MIB Version 1,
Bridge MIB RFC 1493

Protocols supported on Gigabit
Ethernet module: SNMP RFC
1157, ARP RFC 826, IP RFC 791,
ICMP RFC 792, UDP RFC 768,
TCP RFC 793, TFTP RFC 783,
IPX, BootP, Telnet, and options
RFC 854-859

Local management via RS-232
(DB-9 port) on SuperStack II
Switch 1000 / Switch
3000/Desktop Switch

** Requires future software upgrade

Ordering Information

SuperStack II Desktop Switch (24 ports)	3C16902
SuperStack II Switch 1000 (24 ports)	3C16900A
SuperStack II Switch 1000 (12 ports)	3C16901A
SuperStack II Switch 3000 FX	3C16940A
SuperStack II Switch 3000 TX	3C16941A
SuperStack II Switch 3000 10/100	3C16942A
SuperStack II Switch 2200 (1 FDDI DAS MIC)	3C220000A
SuperStack II Switch 2700 (OC-3c multimode/single-mode short reach ATM interface)	3C32711A
SuperStack II Switch 2700 (OC-3c multimode ATM interface)	3C32700A
SuperStack II Switch 2700 (DS-3 ATM interface)	3C32710A
SuperStack II Switch 2700 (TLI)	3C32730A
SuperStack II Switch 9000 SX	3C16990+

High-Speed Modules for SuperStack II Desktop Switch, SuperStack II Switch 1000, SuperStack II Switch 3000 FX/3000 TX, and 3000 10/100

100BASE-FX Fiber Module	3C16920
100BASE-TX Copper Module	3C16922
ATM OC-3c multimode Module	3C16930
Gigabit Ethernet SX Module	3C16925*

Transceiver Interface Modules for SuperStack II Desktop Switch, SuperStack II Switch 1000 (12- and 24-port), SuperStack II Switch 3000 FX

AUI Transceiver Interface Module (1 female AUI)	3C1206-1
Fan-Out Transceiver Interface Module (1 male AUI)	3C1206-4
Fiber Optic Transceiver Interface Module (1 pair ST)	3C1206-5
Coaxial Transceiver Interface Module (1 BNC)	3C1206-6
TP Transceiver Interface Module (1 RJ-45)	3C12063
Twisted Pair Transceiver Interface Module 10BASE-FB	3C12067

Management

Transcend WorkGroup Manager for Windows 95 and NT v.6.0	3C15000G
Transcend Enterprise Manager for Windows 95 and NT v.6.0	3C15010F
Transcend Enterprise Manager for UNIX v.4.2	3C27850F

+Available November 1997

*Available November 1997 for
SuperStack II Switch 3000 TX, FX, and
3000 10/100 and for SuperStack II
Switch 1000 and Desktop Switch first
half of 1998.

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