



DATA SHEET

## SuperStack® 3 Switch 4400 Family

### Key Benefits

Advanced,  
affordable 10/100  
networking  
solutions

#### Affordability

High performance switches with advanced functionality including multilayer traffic prioritization at no extra cost.

#### Performance

The 3Com® SuperStack® 3 Switch 4400 Family forwards up to 6.6 million pps (24-port), or 10.1 million pps (48-port).

#### Intelligent Switching

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.

#### Scalable

The simple stacking architecture increases workgroup capacity when needed and allows high-speed trunks between the workgroup and other network resources.

#### 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.

The 3Com SuperStack 3 Switch 4400 Family delivers high-performance 10/100 Ethernet switching in a simple, affordable platform. Feature-rich and future-proof, the SuperStack 3 Switch

#### Greater Bandwidth

Suppress unwanted protocols and applications from the network.

#### Easy Management

Stack up to 192 10/100 ports with any combination of Switch 4400 products, and manage as a single entity with one IP address.

#### Flexibility

Install up to two optional modules for stacking or to provide extra high-bandwidth ports.

#### Resilient and Fault Tolerant

For non-stop network operation, the SuperStack 3 Switch 4400 Family allows resilient and hot-swappable stacking and resilient network connections.

#### Transparent Webcache Redirection\*

Web traffic can be redirected automatically to a 3Com SuperStack 3 Webcache device, improving Web performance and easing network administration.

#### Limited Lifetime Warranty

Ensures peace of mind. Lifetime warranty includes fan and power supply.

4400 Family is the ideal solution for any 10/100 network application. These switches also boast advanced functionality to enable the network to be both efficient and fault tolerant.

\*Check support.3com.com for availability.

## Specifications

### Connectors

24 or 48 auto-negotiating  
10BASE-T/100BASE-TX ports  
configured as Auto MDIX

2 module slots accommodating  
media modules or stacking  
modules

All fiber module connectors are  
MT-RJ

Advanced Redundant Power  
System Type 2A connector

RS232 console port

### Dimensions

Height: 43.6 mm (1.7 in or 1U)  
Width: 440 mm (17.3 in)  
Depth: 274 mm (10.8 in)  
Weight: *24-port*: 2.8 kg (6.2 lb)  
Weight: *48-port*: 3.2 kg (7.1 lb)

### Performance

**24-port**  
8.8 Gbps switching capacity  
6.6 million packets per second  
8,000 MAC addresses supported

**48-port**  
17.6 Gbps switching capacity  
10.1 million packets per second  
8,000 MAC addresses supported

### Reliability

*24-port*: MTBF @ 40°C:  
326,000 hours

*48-port*: MTBF @ 40°C:  
176,294 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  
noncondensing

Standards: EN60068 (IEC68)

### Safety Agency Certifications

*24-port*: UL1950, EN60950,  
CSA22.2 No. 950, IEC 60950

*48-port*: UL60950, EN60950,  
CSA2.2 No. 60950, 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:

*24-port*: 75 W maximum  
(255 BTU/hr maximum)  
*48-port*: 120 W maximum  
(410 BTU/hr maximum)

### Power Supply

AC Line Frequency 50/60 Hz

Input Voltage Options 90-240  
VAC

Current Rating:  
*24-port*: 2.3A maximum  
*48-port*: 2.8A maximum

### 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)

### 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 ser-  
vices such as telephone support,  
faster hardware replacement,  
and software updates may also  
be available, depending on  
regional availability.

### Management

3Com Network Supervisor  
provided free of charge on  
accompanying CD

Web interface management

Command line interface  
management

SNMP compatibility

## Ordering Information

3Com SuperStack 3 Switch 4400 24-port	3C17203
3Com SuperStack 3 Switch 4400 48-port	3C17204

### Optional Modules and Accessories

3Com SuperStack 3 Switch 4400 100BASE-T Module	3C17220
3Com SuperStack 3 Switch 4400 100BASE-SX Module	3C17221
3Com SuperStack 3 Switch 4400 100BASE-FX Module	3C17222
3Com SuperStack 3 Switch 4400 100BASE-LX Module	3C17223

3Com SuperStack 3 Switch 4400 Stacking Kit (Two stacking modules and cable to stack two Switch 4400s)	3C17227
3Com SuperStack 3 Switch 4400 Stack Extender Kit (One stacking module, one cascade module and one cable for adding more Switch 4400s to an existing Switch 4400 stack )	3C17228
3Com SuperStack 3 Advanced Redundant Power System	3C16071B
3Com SuperStack 3 Advanced RPS Type 2A module	3C16074A

3Com Corporation, Corporate Headquarters, 5400 Bayfront Plaza, P.O. Box 58145, Santa Clara, CA 95052-8145

To learn more about 3Com solutions, visit [www.3com.com](http://www.3com.com). 3Com Corporation is publicly traded on Nasdaq under the symbol COMS.

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