



## DATA SHEET

# 3Com® SuperStack® 3 Switch 4400 Family

## Key Benefits

Advanced,  
affordable 10/100  
networking  
solutions

## Standard Features

### Affordability

High performance switches with advanced stackability at an affordable price.

### Performance

Forwarding rates up to 6.6 million pps (24-port), or 10.1 million pps (48-port).

### Easy Management

3Com® Network Supervisor application is included with discovery, mapping, monitoring, and alerting for easy network administration.

### Scalable

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

### Easy Management

Stack up to 192 10/100 ports 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 3Com® SuperStack® 3 Switch 4400 family allows resilient and hot-swappable stacking and resilient network connections.

### Limited Lifetime Warranty

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

## Enhanced Features

### Prioritize Business Critical Traffic

Advanced Class of Service support including multilayer packet classification capabilities to allow prioritization of critical traffic.

### Greater Bandwidth

Suppress unwanted protocols and applications from the network.

### Transparent Webcache Redirection

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

The 3Com SuperStack 3 Switch 4400 family delivers high-performance 10/100 Ethernet switching in a simple, affordable platform.

Two models come with standard and advanced features ready for today's most demanding 10/100 Ethernet switching applications. Choose the SuperStack 3 Switch 4400 24-Port or Switch 4400 48-Port.

The SuperStack 3 Switch 4400 SE comes with the standard Switch 4400 family capabilities, and is upgradeable\* to the enhanced feature set.

\* Affordable 3Com SuperStack 3 Switch 4400 Enhanced Software Upgrade (3C17207) available 2nd half 2002

## 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

### Stacking

Up to 192 10/100 front panel ports  
 Mix and match Switch 4400 24-port (3C17203) and Switch 4400 48-port (3C17204)  
 Stack Switch 4400 SE (3C17206) only with other like units

### Traffic Management

Four priority queues per port  
 IEEE 802.1p CoS  
 DiServ<sup>(1)</sup>  
 Application/protocol blocking<sup>(1)</sup>  
 Transparent Webcache redirection<sup>(1)</sup>

### Performance

**24-port<sup>(2)</sup>**  
 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

<sup>(1)</sup> Switch 4400 SE requires Enhanced Software Upgrade, 3C17207, to perform these functions.

<sup>(2)</sup> 24-port specifications refer to both Switch 4400 24-Port (3C17203) and Switch 4400 SE 24-Port (3C17206)

### 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)

### 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, CSA2.2 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 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 services 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
3Com SuperStack 3 Switch 4400 SE 24-port	3C17206

### Optional Modules and Accessories

3Com SuperStack 3 Switch 4400 Enhanced Software Upgrade*	3C17207
3Com SuperStack 3 Switch 4400 1000BASE-T Module	3C17220
3Com SuperStack 3 Switch 4400 1000BASE-SX Module	3C17221
3Com SuperStack 3 Switch 4400 100BASE-FX Module	3C17222
3Com SuperStack 3 Switch 4400 1000BASE-LX Module	3C17223

3Com SuperStack 3 Switch 4400 Stacking Kit (Two stacking modules and cable to stack two Switch 4400s—see stacking specifications above for restrictions)	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—see stacking specifications above for restrictions)	3C17228
3Com SuperStack 3 Advanced Redundant Power System	3C16071B
3Com SuperStack 3 Advanced RPS Type 2A module	3C16074A

\* Affordable 3Com SuperStack 3 Switch 4400 Enhanced Software Upgrade (3C17207) available 2nd half 2002

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.

Copyright © 2001 3Com Corporation. All rights reserved. 3Com and SuperStack are registered trademarks of 3Com Corporation. The 3Com logo is a trademark of 3Com Corporation. All other company and product names may be trademarks of their respective companies. While every effort is made to ensure the information given is accurate, 3Com does not accept liability for any errors or mistakes which may arise. All specifications are subject to change without notice.

