



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⁽¹⁾
 Application/protocol blocking⁽¹⁾
 Transparent Webcache redirection⁽¹⁾

Performance

24-port⁽²⁾
 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

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

⁽²⁾ 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, fast hardware replacement, and software updates may also be available, depending on regional availability and retailer participation.

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	3C17227
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(Two stacking modules and cable to stack two Switch 4400s—see stacking specifications above for restrictions)

3Com SuperStack 3 Switch 4400 Stack Extender Kit	3C17228
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(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)

3Com SuperStack 3 Advanced Redundant Power System	3C16071B
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3Com SuperStack 3 Advanced RPS Type 2A module	3C16074A
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* Affordable 3Com SuperStack 3 Switch 4400 Enhanced Software Upgrade (3C17207) available 2nd half 2002

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