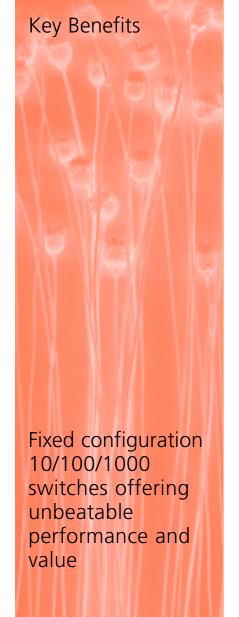




**DATA SHEET** 

# 3Com®SuperStack® 3 Switch 4200 Family



# Affordability

New generation Layer 2 10/100 LAN switching solution delivers versatile wirespeed performance in an affordable, fixed configuration package.

## Flexibility

Two built-in Gigabit ports provide easy connection to Gigabit copper media for added connection flexibility and stacking.

# Resiliency

Supports Rapid Spanning Tree Protocol, Link Aggregation (for Gigabit ports), and redundant power for non-stop operation.

# Performance

Forwarding rates up to 6.6 million pps (26-port) or 10.1 million pps (50-port).

The new generation 3Com SuperStack 3 Switch 4200 family offers fixed configuration 10/100 LAN switches for networks requiring industry-leading switching technology. It combines high performance with comprehensive functionality and plug-and-play installation—all at a reasonable price.

The SuperStack 3 Switch 4200 family delivers standard Layer 2 10/100 features as well as wirespeed performance and built-in stacking capability. These switches operate straight out

# Easy Management

3Com\* Network Supervisor configures, maps, and monitors the system and provides custom alerts and reports.

## Plug-and-play Configuration

Automatic IP assignment and cable detection as well as auto-negotiation gets the SuperStack 3 Switch 4200 up and running quickly for easy out-of-the-box operation.

#### Scalable

Up to four switches can be stacked and managed as one unit\* with a single IP address. No added hardware required to stack units.

# Limited Lifetime Warranty

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

of the box, allowing users to be easily added to the network in minutes.

Choose from 26- or 50-port 10/100 models—each includes two copper Gigabit ports for downlinks or stacking. In addition, the switches support resiliency features such as Rapid Spanning Tree Protocol, Link Aggregation (for Gigabit ports), and redundant power.

\* Integrated stack management available as a separately sold software upgrade in late 2002

# 3COM® SUPERSTACK® 3 SWITCH 4200 FAMILY DATA SHEET

# **Specifications**

#### Connectors

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

2 auto-negotiating 10BASE-T/100BASE-TX/1000BASE-T ports configured as Auto MDIX

Advanced Redundant Power System Type 2A connector

RS232 console port

## Stacking

Up to four units high

Mix and match Switch 4226T (3C17300) and Switch 4250T (3C17302)

### **Traffic Management**

Two priority queues per port IEEE 802.1p CoS DiffServ

# Performance

## 26-port

8.8 Gbps switching capacity6.6 million packets per second8,000 MAC addresses supported

### 50-port

13.6 Gbps switching capacity 10.1 million packets per second 8,000 MAC addresses supported

### Reliability

*26-port:* MTBF @ 40°C: 465,570 hours

*50-port:* MTBF @ 40°C: 325,797 hours

#### Dimensions

Height: 43.6 mm (1.7 in or 1U) Width: 440 mm (17.3 in) Depth: 274 mm (10.8 in) Weight: 26-port: 2.4 kg (5.3 lb) Weight: 50-port: 2.8 kg (6.2 lb)

## **Environmental Requirements**

Operating temperature:  $0^{\circ}$  to  $40^{\circ}$ C ( $32^{\circ}$  to  $104^{\circ}$ F)

Storage Temperature:  $-40^{\circ}$  to  $+70^{\circ}$ C ( $-40^{\circ}$  to  $+158^{\circ}$ F)

Operating Humidity: 10% to 90% relative humidity noncondensing

Standards: EN60068 (IEC68)

# Safety Agency Certifications

UL90950, 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: 26-port: 40 W maximum (136 BTU/hr maximum) 50-port: 60 W maximum (205 BTU/hr maximum)

# Power Supply

AC Line Frequency 50/60 Hz Input Voltage 90-240 VAC

Current Rating:

26-port: 2.3A maximum 50-port: 2.3A 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 4226T 26-port** 3C17300 *24-port 10/100 plus two 10/100/1000 ports* 

**3Com SuperStack 3 Switch 4250T 50-port** 3C17302 48-port 10/100 plus two 10/100/1000 ports

Optional Modules and Accessories	
3Com SuperStack 3 Advanced Redundant Power System	3C16071B
3Com SuperStack 3 Advanced RPS Type 2A module	3C16074A

