



DATA SHEET

3Com® SuperStack® 3 Switch 4200 Family

Key Benefits

Fixed configuration
10/100/1000
switches offering
unbeatable
performance and
value

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

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 capacity
6.6 million packets per second
8,000 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° 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

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



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