

# 3COM® OFFICECONNECT GIGABIT SWITCHES

10/100/1000 Mbps switches for small and medium businesses needing basic connectivity



from top: OfficeConnect Gigabit Switch 5, Gigabit Switch 8, Gigabit Switch 16

## Overview

3Com® OfficeConnect® Gigabit Switches are designed for small offices requiring high network performance to exchange large data files and images and access real-time information.

These reliable and dependable switches automatically find the fastest connection speed; all that is needed is to connect the power and Ethernet cables, as there is no software to configure. Easy to set up, these switches feature a fan-less design which delivers silent operation, and are backed by an outstanding three-year limited warranty. Advanced hardware replacement is also provided. With a choice of five, eight or sixteen ports, you can easily expand your network by adding more computers or devices with speeds up to 2,000 Mbps per port in full-duplex mode.

As part of our GreenConnect initiative, this switch uses the latest silicon technology, reducing the typical power consumption. Idle "power-down" mode<sup>◇</sup> and cable length detection<sup>†</sup> helps deliver minimum power consumption. The very compact design of this OfficeConnect switch also minimizes environmental impact.

## Key Benefits

### OPTIMAL NETWORK CONNECTIVITY

- › Auto-speed sensing enables connection at 1000, 100 and 10 Mbps, ensuring optimum throughput for bandwidth-intensive applications and compatibility with legacy equipment

- › Full-duplex support of your network. Allows full two-way data transfer, doubling the effective bandwidth.
- › FCC Class B certified. Certified for home and office use (more stringent than Class A certification).

### EASY TO USE

- › Auto MDI/MDIX eliminates most common cabling problems, whether the port is connected to a server, PC, another switch or hub.
- › Front panel LEDs provide immediate notification of network use without requiring special technical knowledge.
- › GreenConnect. Product operates with very low power requirements. Physical dimensions reduced for optimal space and material utilization.
- › Operating system independence supports maximum integration of different operating systems within a network—no extra configuration of the network is required.
- › Plug-and-Play convenience delivers simple set-up; no complicated configuration is required.
- › Silent operation. Self-cooling fanless design ensures there is no noise disturbance from the switches.

### RELIABLE

- › 3-Year limited warranty provides the on-going warranty support that businesses need.

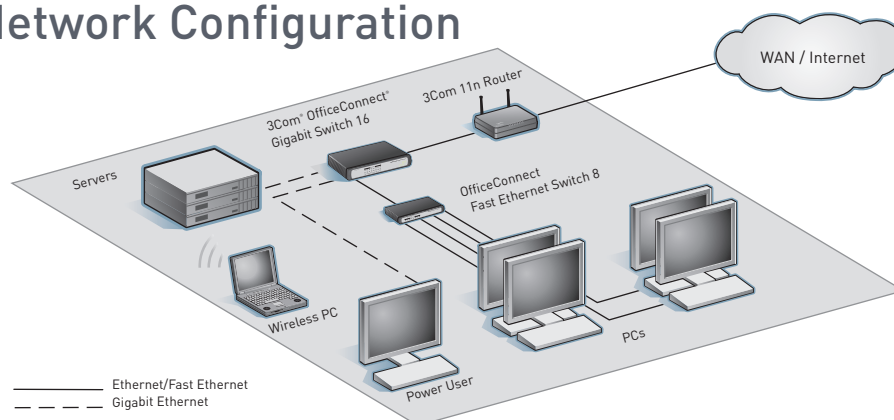
<sup>◇</sup> Idle power down mode applies to 5- and 8-port models.

<sup>†</sup> Cable length detect applies to 8- and 16-port models.



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## Sample Network Configuration



## Specifications

All information in this section is relevant to all members of the 3Com OfficeConnect Gigabit Switch family, unless otherwise stated.

### CONNECTORS

All ports are auto MDI/MDIX, auto-negotiating RJ-45

#### OfficeConnect Gigabit Switch 5

5 10BASE-T/100BASE-TX/1000BASE-T

#### OfficeConnect Gigabit Switch 8

8 10BASE-T/100BASE-T/1000BASE-T

#### OfficeConnect Gigabit Switch 16

16 10BASE-T/100BASE-TX/1000BASE-T

### REGULATORY AND AGENCY APPROVALS

Safety: UL 60950-1, EN 60950-1, CSA 22.2 60950-1, IEC 60950-1

Emissions: EN 55022 Class B, FCC Part 15 Class B, ICES-003 Class B, AS/NZS CISPR 22 Class B

Immunity: EN 55024

### ENVIRONMENTAL SPECIFICATIONS

Operating temperature: 0° to 40°C (32° to 105°F)

Operating humidity: 10% to 90% (non-condensing humidity)

### DIMENSIONS

#### Gigabit Switch 5

Width: 108.0 mm (4.3 in)

Height: 22.5 mm (0.9 in)

Depth: 85.0 mm (3.3 in)

Weight: 162.0 g (0.4 lb)

#### Gigabit Switch 8

Width: 142.0 mm (5.6 in)

Height: 22.5 mm (0.9 in)

Depth: 82.5 mm (3.2 in)

Weight: 200.0 g (0.44 lb)

#### Gigabit Switch 16

Width: 208.0 mm (8.2 in)

Height: 40.0 mm (1.6 in)

Depth: 160.0 mm (6.3 in)

Weight: 0.84 Kg (1.9 lb)

### POWER SUPPLY

External power adapter

Input voltage: 100-240 VAC, 50/60 Hz

Power consumption:

Gigabit Switch 5 – 4.1W, Max.

Gigabit Switch 8 – 4.8W, Max.

Gigabit Switch 16 – 15W, Max.

### IEEE STANDARDS SUPPORTED

IEEE 802.1p Priority Tags

IEEE 802.3 Ethernet

IEEE 802.3ab Gigabit Ethernet

IEEE 802.3u Fast Ethernet

IEEE 802.3x Flow Control

### LED INDICATORS

Port speed/activity

### PACKAGE CONTENTS

Switch, power adapter, self-adhesive rubber pads, user guide, warranty flyer

### WARRANTY AND OTHER SERVICES

Three year Limited Hardware Warranty

Advance Hardware Replacement with Next Business Day shipment in most regions

90 days of telephone technical support

Refer to [www.3com.com/warranty](http://www.3com.com/warranty) for details.

## Ordering Information

### PRODUCT DESCRIPTION

### 3COM SKU

OfficeConnect Gigabit Switch 5	3C1670500C
OfficeConnect Gigabit Switch 8	3C1670800C
OfficeConnect Gigabit Switch 16	3C1671600A

### 3COM GLOBAL SERVICES

3Com Wireless LAN Site Survey [www.3com.com/services\\_quote](http://www.3com.com/services_quote)

Network Health Check, Installation Services and Express<sup>SM</sup> Maintenance

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