



3Com Corporation, Corporate Headquarters, 350 Campus Drive,
Marlborough, MA 01752-3064
www.3Com.com

10016681 REV BA June 2008



User Guide

OfficeConnect[®]

Gigabit Switch 5 (3C1670500C)

Gigabit Switch 8 (3C1670800C)

INTRODUCTION

About This Guide:

Thank you for purchasing the 3Com® OfficeConnect® Gigabit Switch. This high quality, Gigabit Ethernet Switch is an easy, efficient way of creating a network or expanding an existing network. The Switch's Gigabit ports provide support for bandwidth intensive applications, and allow high-speed connections to servers, and to the rest of the network. An example configuration is shown in Figure 1.

This switch is one of the most compact designs in the industry making it ideal for desktop use, and in keeping with the 3Com GreenConnect* tradition, this switch incorporates the latest 65nm technology. This allows for lower power consumption and decrease in carbon footprint. It can be used with other units in the OfficeConnect family, which include Cable/DSL gateways, wireless devices, Fast Ethernet and Gigabit Ethernet switches. The OfficeConnect family is a fully integrated system, enabling you to share computer resources, and take advantage of new technologies as your network grows.

Your Package Contains:

- OfficeConnect Switch
- Power adapter for use with the Switch
- Four rubber feet
- This User Guide
- Warranty flyer

About This Guide

This guide will use the term Switch when referring to the OfficeConnect Gigabit Switch.

DIMENSIONS AND STANDARDS

Dimensions and Operating Conditions

Standards

Functional:	ISO 8802/3, IEEE 802.3, 802.3u
Safety:	UL 60950-1, EN 60950-1, CSA 22.2 #60950-1, IEC60950-1
EMC:	EN 55022 Class B, EN 55024, FCC Part 15 Class B*, ICES-003 Class B
Environmental:	EN 60068 (IEC 68)

Gigabit Switch 5 Only: Category 5 screened cables must be used to ensure compliance with the Class B requirements of the above standards. The use of unscreened cables complies with the Class A requirements.

* Refer to Regulatory Notices in the Support and Safety Information Section.

	Gigabit Switch 5 4.1W, 14 BTU/hr power requirement
	Gigabit Switch 8 4.8W, 16.4 BTU/hr power requirement

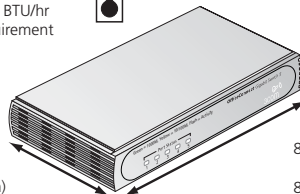


0 to 40°C
(32 to 105°F)
operating
temperature



0 to 95%
(non-condensing)
humidity

Width:
Switch 5:
112 mm (4.4 in)
Switch 8:
146 mm (5.75 in)



Depth:
Switch 5:
85 mm (3.35 in)
Switch 8:
85 mm (3.35 in)

GREENCONNECT

Your OfficeConnect Gigabit Switch employs a number of initiatives to ensure your product uses the least amount of power possible:

1. High Efficiency Power Adapter

The Power Adapter is a model especially designed to meet the Energy Star™ requirements for operating efficiency and also very low standby power when not connected to the switch. These two features ensures your power adapter now uses substantially less power than a conventional linear adapter.

2. Energy Saving Modes

Your OfficeConnect Gigabit Switch employs the latest technology to minimise the amount of power it consumes. It uses the latest 65nm silicon to deliver the lowest operating power, and in addition uses features which under normal operating conditions ensures your switch uses the least amount of power.

When a port on the switch is not connected to a cable, or the link partner is turned off or removed, the switch reduces the power on that port until it is connected again.

You can be confident that your Switch will be taking the least amount of power but still providing the performance that you have come to expect from OfficeConnect.

CONFIGURATION

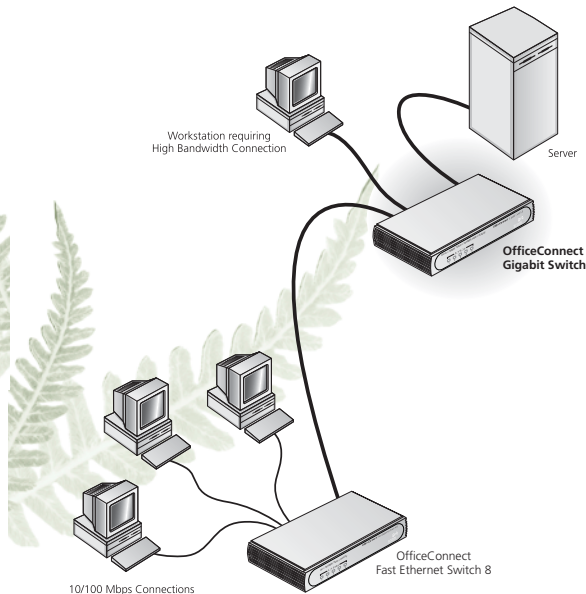
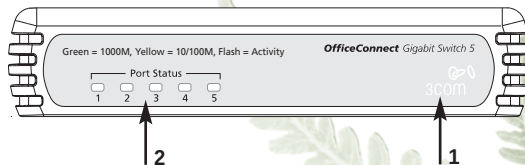


Figure 1

Network showing sample configuration with Gigabit Switch.

ABOUT YOUR SWITCH

OfficeConnect Gigabit Switch - Front



1 Power LED (Illuminated Logo)

Green

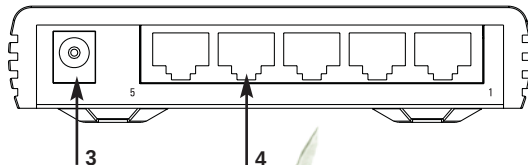
Indicates that the Switch is receiving power. If the LED is off there may be a problem with the power adapter, power adapter cable or the Switch's internal power supply. Refer to Problem Solving.

2 Five/Eight/ Port Status LEDs

Green (1000 Mbps link) / Yellow (10 or 100 Mbps link)

If the LED is on, the link between the port and the next piece of equipment is OK. If the LED is flashing, the link is OK and data is being transmitted or received. If the LED is off, nothing is connected or the connected device is turned off, or there is a problem with the connection (refer to the Problem Solving section).

OfficeConnect Gigabit Switch - Rear



3 Power Adapter Socket

Only use the power adapter that is supplied with the Switch.

4 10BASE-T/100BASE-TX/1000BASE-T Ports

Use suitable TP cable with RJ-45 connectors. You can connect your Switch to a workstation, or any other piece of equipment that has 10BASE-T/100BASE-TX/1000BASE-T connectivity.

Each port is capable of autosensing for 10 Mbps, 100 Mbps or 1000 Mbps operation.

All ports have an automatic MDI/MDIX feature, which means either straight-through or crossover cable can be used to connect to any port.

WARNING: RJ-45 ports.

These are shielded RJ-45 data sockets. They cannot be used as standard traditional telephone sockets, or to connect the unit to a traditional PBX or public telephone network. Only connect RJ-45 data connectors, network telephony systems, or network telephones to these sockets.

Either shielded or unshielded data cables with shielded or unshielded jacks can be connected to these data sockets.

VORSICHT: RJ-45-Portes.

Diese Portes sind geschützte Datensteckdosen. Sie dürfen weder wie normale traditionelle Telefonsteckdosen noch für die Verbindung der Einheit mit einem traditionellen privaten oder öffentlichen Telefonnetzwerk gebraucht werden. Nur RJ-45- Datenanschlußhülse, Telefonnetzsysteme oder Netztelefone an diese Steckdosen anschließen.

Entweder geschützte oder ungeschützte Buchsen dürfen an diese Datensteckdosen angeschlossen werden.

AVERTISSEMENT : Prises RJ-45 blindées.

Ces prises ne peuvent servir comme prises téléphone standard et ne permettent pas la connexion de l'appareil à un système PBX ni à un réseau téléphonique public. N'y branchez que des prises RJ-45 mâles adaptées, ou des systèmes de réseaux téléphoniques. Il est possible d'y brancher des câbles blindés ou non comportant des prises de type Jack (blindées ou non).

1 POSITIONING YOUR SWITCH

Safety Information

 **WARNING:** Please read the 'Important Safety Information' section in the Support and Safety Information sheet before you start.

 **VORSICHT:** Bitte lesen Sie den Abschnitt 'Wichtige Sicherheitsinformationen' sorgfältig durch, bevor Sie das Gerät einschalten.

 **AVERTISSEMENT:** Veuillez lire attentivement la section "Consignes importantes de sécurité" avant de mettre en route.

When positioning your Switch, ensure:

- It is out of direct sunlight and away from sources of heat.
- Cabling is away from power lines, fluorescent lighting fixtures, and sources of electrical noise such as radios, transmitters and broadband amplifiers.
- Water or moisture cannot enter the case of the unit.
- Air flow around the unit and through the vents in the side of the case is not restricted. 3Com recommends you provide a minimum of 25 mm (1 in.) clearance.

Using the Rubber Feet

Use the four self-adhesive rubber feet to prevent your Switch from moving around on your desk, or when stacking with flat top OfficeConnect units. Only stick the feet to the marked areas at each corner on the underside of your Switch.

Wall Mounting

There are two slots on the underside of the Switch that can be used for wall mounting. The Switch must be mounted with the LEDs facing upwards.

-  When wall mounting the unit, ensure it is within reach of the power outlet
-  When wall mounting the unit, ensure that the rubber feet are not fixed

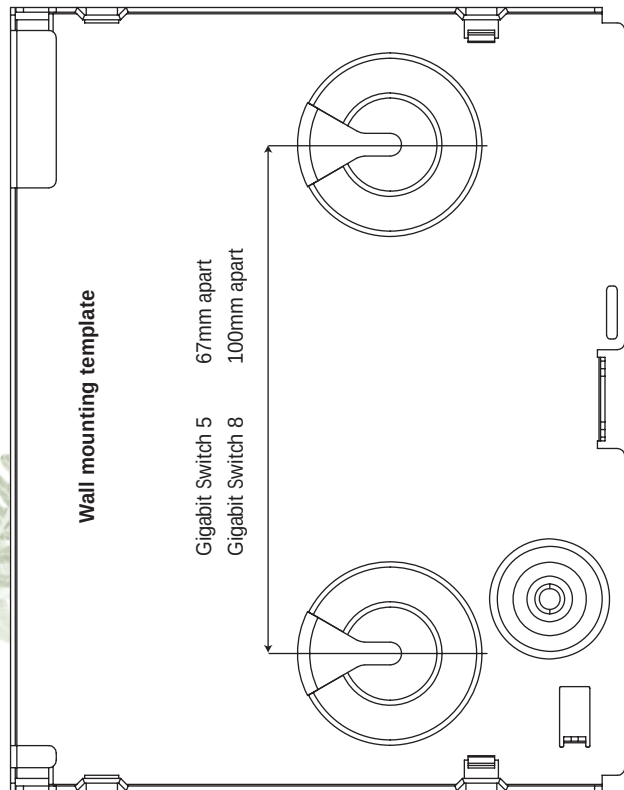
Mounting Instructions for Cement Walls

- 1 Make two holes 67mm apart for 5 port, and 100mm apart for 8 port and insert two nylon or similar screw anchors that are suitable for the wall construction.
- 2 Fix two suitable screws into the anchors, leaving their heads 3 mm (0.12 in.) clear of the wall surface. The screws should be at least 30 mm (1.2 in.) long,
- 3 Remove any connections in the Switch and locate it over the screw heads. When in line, gently push the Switch on to the wall and move it downwards to secure.

Mounting Instructions for Wood Walls

- 1 Make two holes 67mm apart for 5 port, and 100mm apart for 8 port.
- 2 Fix two suitable screws directly into the wall, leaving their heads 3 mm (0.12 in.) clear of the wall surface. The screws should be at least 20 mm (0.75 in.) long,
- 3 Remove any connections in the Switch and locate it over the screw heads. When in line, gently push the Switch on to the wall and move it downwards to secure.

 **CAUTION:** When making connections, be careful not to push the Switch up and off the wall.



2 BEFORE YOU INSTALL YOUR SWITCH

Unit Connections

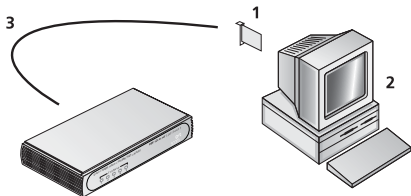
To connect other OfficeConnect units (such as gateways or switches) to your Switch you need:

- One suitable Twisted Pair (TP) cable for each unit
3Com recommends Category 5E cable for Gigabit connections.

Workstation Connections

To connect workstations or other equipment (such as servers) directly to your Switch, you need:

- 1 One adapter card for each workstation to be connected to a port on the Switch. The adapter card must be capable of communicating at the required connection speed. For example, if you want to use a Gigabit connection, you must install a 1000BASE-T adapter card.
- 2 An operating system (for example Windows/Mac/Linux) with network support configured, running on your workstations.
- 3 One suitable Twisted Pair cable for each workstation.



3 CONNECTING WORKSTATIONS

Twisted Pair (TP) Cables

Cables can be shielded (screened) or unshielded. Cables must be Category 5 or above. 3Com recommends Category 5E cable for Gigabit connections. The maximum length you can use is 100 m (328 ft).

Twisted Pair (TP) cable is very easy to use. To connect a TP cable, simply slot the connector into the relevant RJ-45 Port. When a connector is fully in, its latch locks into place. To disconnect the cable, push the connector's latch in and remove it.

When one end of a TP cable is connected to the Switch and the other end is connected to the network interface card of a workstation or other device, the Switch will automatically detect whether a straight-through or crossover cable is being used and will compensate if required. The units will then autonegotiate to determine the fastest possible link speed between them. This may take a few seconds and the outcome will be reflected in the LEDs on the front of the Switch.

 *If the equipment connected to the Switch does not support autonegotiation or it has been disabled, it must be configured to operate in half duplex mode.*

Expanding Your Network

You can increase the number of workstations and other devices that can connect to your network by adding other OfficeConnect gateways and switches. You can connect a 10BASE-T, 100BASE-TX or 1000BASE-T OfficeConnect unit to each port of the Switch.

The Switch has automatic MDI/MDIX functionality. Simply plug in the cable, and the Switch will automatically detect which wiring practice has been followed, and will compensate accordingly.

Checking Unit Connections

When you have connected all your units, power on the units and the Switch. The Port Status LEDs for the ports you have used should be lit. If they are not, check your connections.

4 HOW YOUR SWITCH CAN BE USED

Switching

When a network of repeater hubs is in operation, any information that is sent by the workstation is passed around the whole network (regardless of the destination of the information). This can result in a lot of unnecessary traffic that can slow the network down. The Switch solves this problem because it "listens" to the network and automatically learns what workstations can be reached through its ports. It can then selectively pass on any information by transmitting the traffic from the relevant port only. This operation is called "switching".

The Switch effectively divides up your network, localizing the network traffic and passing on traffic as necessary. If you have any high performance workstations that require a lot of bandwidth, connect them directly to the Switch.

Traffic Prioritization

The Switch has a built in feature to aid network performance at times of excessive load. It is called Priority Queuing. When a packet is received, the Switch will examine it to see if it has been priority encoded. If it has, the Switch will then read the priority level and determine whether it should be directed through the normal or high priority channel. This feature can be useful during excessive loads, for example, when one type of traffic may require priority over another.

Automatic Loop Detect

This Switch has automatic loop detection technology which will prevent unwanted recirculation of packets which could potentially clog your network.

Connecting 10BASE-T/100BASE-TX/1000BASE-T Networks

The ports can each be connected to a 10BASE-T/100BASE-TX/1000BASE-T network. If you have various connection speeds in your network, you can join them together using the Switch allowing all your workstations to communicate. For example, by connecting one of the ports to a server, all the workstations connected to the server can communicate with devices connected to the Switch, significantly increasing the size of your network.

Alternatively, if for example you use a 10BASE-T/100BASE-TX network and want to improve network performance by introducing 1000BASE-T technology, the Switch protects the investment in your existing workstations because it maintains 10BASE-T/100BASE-TX connections to them.

5 PROBLEM SOLVING

The Switch has been designed to aid you when detecting and solving possible problems with your network. These problems are rarely serious; the cause is usually a disconnected or damaged cable, or incorrect configuration. If this section does not solve your problem, contact your supplier for information on what to do next.

Perform these actions first:

- Ensure all network equipment is powered on.
- Power each piece of network equipment off, wait about five seconds and then power each one on.

 **CAUTION:** Do not power the Switch off and then immediately on. Wait about five seconds between power cycles.

Check the following symptoms and solutions:

Power Status LED (Illuminated Logo) not lit.

The power adapter or power adapter connection is likely to be faulty. Check your power adapter connection. If there is still no power, contact 3Com Technical Support and ask for a replacement power adapter. Please quote the power adapter part number, shown on the OfficeConnect power adapter you are currently using or refer to the table on next page.

Alternatively, quote the part number for your region:

3C number	Region	
3C12VUS	US	United States
3C12VUK	UK	United Kingdom
3C12VME	ME	Mainland Europe
3C12VAA	AA	Australasia
3C12VSA	SA	South Africa
3C12VKR	KR	South Korea
3C12VRA	RA	Argentina

Only use the power adapter supplied with the Switch or a replacement OfficeConnect power adapter. Do not use any other power adapter.

Port Status LED not lit for a port that has a TP cable connected. After connection, it may take several seconds for the Port Status LEDs to illuminate. The Port Status LED should turn Green or Yellow for each port that is connected, depending on connection speed. Please refer to 'About Your Switch' for a full description of the LEDs.

If the Port Status LED is not lit after several seconds, ensure that the connected device is powered on, that the TP cable is not damaged and that it is correctly inserted at both ends.

You may find that a TP cable works when connected to the Switch, but that it does not if disconnected from the Switch and connected to another device. This may be because the other device does not have the automatic MDI/MDIX feature.

The Port Status LED is lit but the network performance of the switch is poor. The switch supports full-duplex autonegotiation. If the connected device does not support autonegotiation, ensure it is configured for half duplex operation only.



Support and Safety Information

Ⓜ Important Safety Information Ⓜ

⚠ WARNING: Warnings contain directions you must follow for your personal safety. Follow all directions carefully.

You must read the following safety information before carrying out any installation or removal of the unit, or any maintenance procedures.

⚠ WARNING: Exceptional care must be taken during installation and removal of the unit.

⚠ WARNING: To ensure compliance with international safety standards this product must only be used with a power supply that is approved in the country of use.

The power supply output must be +12VDC, 1A minimum and the polarity of the power supply output connector must comply with the marking on the unit.

⚠ WARNING: Disconnect the power adapter before moving the unit.

⚠ WARNING: This unit operates under SELV (Safety Extra Low Voltage) conditions according to IEC 60950-1. The conditions are only maintained if the equipment to which it is connected also operates under SELV conditions.

⚠ WARNING: RJ-45 Ports. These are shielded RJ-45 data sockets. They cannot be used as standard traditional telephone sockets, or to connect the unit to a traditional PBX or public telephone network. Only connect RJ-45 data connectors, network telephony systems, or network telephones to these sockets.

Either shielded or unshielded data cables with shielded or unshielded jacks can be connected to these data sockets.

ⓕ Consignes de sécurité importantes ⓕ

⚠ Avertissement: Ces avertissements sont à respecter pour votre sécurité. Lisez-les attentivement.

Vous devez impérativement lire les consignes de sécurité suivantes avant de procéder à l'installation ou à la désinstallation du matériel, ou à toute activité d'entretien.

⚠ Avertissement: L'installation et la désinstallation du matériel nécessite une vigilance exceptionnelle.

⚠ Avertissement: Pour être conforme aux normes de sécurité internationales, ce produit doit être utilisé exclusivement avec une alimentation aux normes du pays d'utilisation.

La sortie de l'alimentation doit être de 12 V continu, 1A minimum, et les polarités du connecteur de sortie doivent coïncider avec les indications figurant sur l'appareil.

⚠ Avertissement: Coupez systématiquement l'adaptateur secteur avant de déplacer l'appareil.

⚠ Avertissement: Cet appareil fonctionne à très basse tension de sécurité (SELV, Safety Extra Low Voltage) conformément à la norme IEC 60950-1. Pour ce faire, le matériel auquel il est connecté doit également fonctionner sous SELV.

⚠ Avertissement: Ports RJ 45. Il s'agit de connecteurs de communication de données blindés RJ 45. Il n'est pas possible de les utiliser comme prises téléphoniques classiques ni de connecter l'appareil à un standard téléphonique classique ou à un réseau téléphonique public. Seuls des connecteurs de réseau de données RJ 45, des systèmes de téléphonie en réseau ou des téléphones réseau peuvent y être branchés. Vous pouvez y brancher des câbles pour réseau de données blindés ou non pourvus de prises jack blindées ou non aux extrémités.

ⓓ Wichtige Sicherheitsinformationen ⓓ

⚠ Warnung: Warnhinweise enthalten Anweisungen, die Ihrer persönlichen Sicherheit dienen. Befolgen Sie all diese Anweisungen mit größter Sorgfalt.

Lesen Sie unbedingt die folgenden Sicherheitsinformationen, bevor Sie eine Installation oder Entfernung des Gerätes vornehmen bzw. Wartungen/Instandhaltungen durchführen.

⚠ Warnung: Bei der Installation und Entfernung des Gerätes ist mit äußerster Sorgfalt vorzugehen.

⚠ Warnung: Um die Übereinstimmung mit den internationalen Sicherheitsstandards zu gewährleisten, darf dieses Produkt nur mit einer Stromversorgung betrieben werden, die den Bestimmungen des jeweiligen Landes entspricht.

Die Netzsteckdose muss +12VDC, 1A minimal haben und die Polarität des Netzanschlusses muss der Kennzeichnung auf dem Gerät entsprechen.

⚠ Warnung: Nehmen Sie vor dem Transport des Gerätes den Netzadapter ab.

⚠ Warnung: Dieses Gerät arbeitet gemäß IEC 60950-1 mit Schutzkleinspannung (SELV = Safety Extra Low Voltage). Dieser Schutz bleibt nur erhalten, wenn die angeschlossene Anlage ebenfalls über SELV verfügt.

⚠ Warnung: RJ-45 Anschluss. Dies sind abgeschirmte RJ-45-Datenbuchsen. Sie können nicht als herkömmliche Standardtelefonbuchsen verwendet werden und verbinden das Gerät nicht mit einer herkömmlichen Telefonanlage oder einem öffentlichen Telefonnetz. Schließen Sie an diese Buchsen nur RJ-45-Datenanschlüsse, Netzwerktelefonanlagen oder Netzwerktelefone an.

An diese Datenbuchsen können abgeschirmte oder nicht abgeschirmte Stecker angeschlossen werden.

❶ Importanti informazioni di sicurezza ❶

⚠ Avvertenza: Queste avvertenze precisano le direttive da seguire per la propria sicurezza personale. Conformarsi con la massima attenzione a quanto precisato.

Leggere con attenzione le informazioni relative alla sicurezza prima di procedere all'installazione o alla rimozione dell'unità o a qualsiasi intervento di manutenzione.

⚠ Avvertenza: E' necessario prestare la massima attenzione durante l'installazione e la rimozione dell'unità.

⚠ Avvertenza: Per garantire la piena conformità con gli standard di sicurezza internazionali, il prodotto deve essere utilizzato con un'alimentazione approvata nello specifico paese di utilizzo.

L'uscita dell'alimentazione deve essere +12V DC, 1A minimo e la polarità del connettore dell'uscita dell'alimentazione dovrà conformarsi con la marcatura riportata sull'unità.

⚠ Avvertenza: Scollegare l'adattatore di alimentazione prima di spostare l'unità.

⚠ Avvertenza: Quest'unità funziona in condizioni SELV (Safety Extra Low Voltage) conformemente a IEC 60950-1. Tali condizioni potranno essere mantenute solo se l'apparecchiatura a cui è collegata funziona similmente in condizioni SELV.

⚠ Avvertenza: Porte RJ-45. Si tratta di prese dati schermate RJ-45. Non potranno essere utilizzate come prese telefoniche tradizionali o per collegare l'unità ad una normale rete PBS o telefonica pubblica. Collegare a queste prese solo connettori RJ-45, sistemi di telefonia in rete o telefoni in rete.

A queste prese dati potranno essere collegati cavi dati schermati o meno con jack schermati o meno.

❷ Información de seguridad importante ❷

⚠ Advertencia: Las advertencias contienen instrucciones que debe seguir para su seguridad personal. Siga todas las instrucciones atentamente. Debe leer la siguiente información de seguridad antes de llevar a cabo la instalación o extracción de la unidad, o cualquier procedimiento de mantenimiento.

⚠ Advertencia: Se debe extremar el cuidado durante la instalación y extracción de la unidad.

⚠ Advertencia: Para asegurar la conformidad con los estándares de seguridad internacionales, este producto sólo se puede usar con una fuente de alimentación aprobada en el país de uso.

La salida de la fuente de alimentación debe ser de +12V CC, de 1A mínimo y la polaridad del conector de salida de alimentación debe cumplir con la marca en la unidad.

⚠ Advertencia: Desconecte el adaptador de alimentación antes de desplazar la unidad.

⚠ Advertencia: Esta unidad opera bajo condiciones SELV (muy bajo voltaje de seguridad) de acuerdo con la norma IEC 60950-1. Las condiciones sólo se mantienen si el equipo al que está conectado también opera bajo condiciones SELV.

⚠ Advertencia: Puertos RJ-45 Son enchufes de datos RJ-45 blindados. No se pueden usar en los tradicionales enchufes telefónicos estándar, o para conectar la unidad a una red PBX tradicional o red telefónica pública. Conecte únicamente a estos enchufes los conectores de datos RJ-45, sistemas de telefonías de red o teléfonos de red.

A estos enchufes de datos se pueden conectar cables blindados o no blindados con tomas hembra blindadas o no blindadas.

PL Istotne Bezpieczeństwo Informacja PL

⚠ Warning: Ostrzeżenia zawierają wskazówki, których należy przestrzegać w celu zagwarantowania bezpieczeństwa osobistego. Do tych zaleceń należy stosować się dokładnie.

Przed przystąpieniem do instalacji, usuwania urządzenia lub jakichkolwiek czynności konserwacyjnych należy zapoznać się instrukcjami bezpieczeństwa.

⚠ Warning: Podczas montażu lub demontażu urządzenia należy pracować z wyjątkową uwagą.

⚠ Warning: Aby zapewnić zgodność z międzynarodowymi standardami bezpieczeństwa, produkt należy wyłączyć z zasilaczem zatwierdzonym w danym kraju.

Gniazdo zasilania musi mieć parametry +12 VDC, 1A minimum, a biegunowość złącza wyjściowego musi być zgodna z oznaczeniami na urządzeniu.

⚠ Warning: Przed przeniesieniem urządzenia należy odłączyć zasilacz.

⚠ Warning: Urządzenie działa w warunkach SELV (obwód bezpiecznego niskiego napięcia) zgodnie z normą IEC 60950-1. Warunki te są jednak zagwarantowane wyłącznie wtedy, gdy sprzęt, do którego podłączone jest urządzenie, również pracuje w obwodzie SELV.

⚠ Warning: Porty RJ-45. Są to ekranowane gniazda RJ-45 do danych. Nie są przeznaczone do użycia jako standardowe gniazda telefoniczne lub do podłączenia urządzenia do PBX lub publicznej sieci telefonicznej. Do tych gniazd wolno podłączać wyłącznie wtyki RJ-45 danych, systemów telefonii sieciowej lub telefonów sieciowych. Do tych gniazd można podłączać kable danych ekranowane lub nieekranowane z ekranowanymi lub nieekranowanymi wtykami.

ENVIRONMENTAL STATEMENTS

For further details please refer to

<http://www.3com.com/environment/index.html>

REGULATORY NOTICES

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation distance between the equipment and receiver
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio / TV technician for help

Manufacturers Declaration of Conformity

3Com Corporation, 350 Campus Drive, Marlborough,
MA 01752-3064, USA

Declares that the following products:

Date: June 2008

Brand Name: 3Com Corporation

Model Nos.: 3C1670500C, 3C1670800C

Equip Type: Gigabit Switch 5 / Gigabit Switch 8

Complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Gigabit Switch 5 Only: Category 5 screened cables must be used to ensure compliance with the Class B requirements of the above standards. The use of unscreened cables complies with the Class A requirements.



Tested to Comply
With FCC Standards
For Home or Office

CSA Statement

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

CE Statement and Manufacturer's Declaration of conformity

A copy of the signed Declaration of Conformity can be downloaded from the Product Support web page at

<http://www.3com.com/>

Also available at

<http://support.3com.com/doc/3C1670x0C.pdf>

VCCI Statement

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取り扱いをして下さい。

OBTAINING SUPPORT FOR YOUR PRODUCT

3Com offers product registration, case management, and repair services through **eSupport.3com**. You must have a user name and password to access these services, which are described in this appendix.

Register Your Product to Gain Service Benefits

To take advantage of warranty and other service benefits, you must first register your product at:

<http://eSupport.3com.com/>. 3Com eSupport services are based on accounts that are created or that you are authorized to access.

Solve Problems Online

3Com offers the following support tool:

- 3Com Knowledgebase — Helps you to troubleshoot 3Com products. This query-based interactive tool is located at: **<http://knowledgebase.3com.com>**. It contains thousands of technical solutions written by 3Com support engineers.

Purchase Extended Warranty and Professional Services

To enhance response times or extend your warranty benefits, you can purchase value-added services such as 24x7 telephone technical support, software upgrades, onsite assistance, or advanced hardware replacement.

Experienced engineers are available to manage your installation with minimal disruption to your network. Expert assessment and implementation services are offered to fill resource gaps and ensure the success of your networking projects. For more information on 3Com Extended Warranty and Professional Services, see: **<http://www.3com.com/>**

Contact your authorized 3Com reseller or 3Com for additional product and support information. See the table of access numbers later in this appendix.

Contact Us

3Com offers telephone, internet, and e-mail access to technical support and repair services. To access these services for your region, use the appropriate telephone number, URL, or e-mail address from the table in the next section.

Telephone Technical Support and Repair

To obtain telephone support as part of your warranty and other service benefits, you must first register your product at: **<http://eSupport.3com.com/>**

When you contact 3Com for assistance, please have the following information ready:

- Product model name, part number, and serial number
- A list of system hardware and software, including revision level
- Diagnostic error messages
- Details about recent configuration changes, if applicable

To send a product directly to 3Com for repair, you must first obtain a return materials authorization number (RMA).

Products sent to 3Com without authorization numbers clearly marked on the outside of the package will be returned to the sender unopened, at the sender's expense. If your product is registered and under warranty, you can obtain an RMA number online at <http://eSupport.3com.com/>. First-time users must apply for a user name and password.

Telephone numbers are correct at the time of publication. Find a current directory of 3Com resources by region at: <http://csoweb4.3com.com/contactus/>

Country	Telephone Number
---------	------------------

Asia, Pacific Rim — Telephone Technical Support and Repair

Australia	1800 075 316
Hong Kong	2907 0456
India	000 800 440 1193
Indonesia	001 803 852 9825
Japan	03 3507 5984
Malaysia	1800 812 612
New Zealand	0800 450 454
Philippines	1800 144 10220 or 029003078
P.R. of China	800 810 0504
Singapore	800 616 1463
South Korea	080 698 0880
Taiwan	00801 444 318
Thailand	001 800 441 2152

Pakistan Call the U.S. direct by dialing 00 800 01001, then dialing 800 763 6780

Sri Lanka Call the U.S. direct by dialing 02 430 430, then dialing 800 763 6780

Vietnam Call the U.S. direct by dialing 1 201 0288, then dialing 800 763 6780

You can also obtain non-urgent support in this region at this email address apr_technical_support@3com.com

Or request a return material authorization number (RMA) by FAX using this number: +61 2 9937 5048, or send an email at this email address: ap_rma_request@3com.com

Country	Telephone Number
---------	------------------

Europe, Middle East, and Africa — Telephone Technical Support and Repair

From anywhere in these regions not listed below, call: +44 1442 435529

From the following countries, call the appropriate number:

Austria	0800 297 468
Belgium	0800 71429
Denmark	800 17309
Finland	0800 113153
France	0800 917959
Germany	0800 182 1502
Hungary	06800 12813
Ireland	1 800 553 117
Israel	180 945 3794
Italy	800 879489
Luxembourg	800 23625
Netherlands	0800 0227788
Norway	800 11376

Country	Telephone Number
Poland	00800 4411 357
Portugal	800 831416
South Africa	0800 995 014
Spain	900 938 919
Sweden	020 795 482
Switzerland	0800 553 072
U.K.	0800 096 3266

You can also obtain support in this region using this URL:
<http://emea.3com.com/support/email.html>

Country	Telephone Number
Latin America — Telephone Technical Support and Repair	
Antigua	AT&T +800 988 2112
Antigua Barbuda	AT&T +800 988 2112
Argentina	AT&T +800 988 2112
Aruba	AT&T +800 988 2112
Bahamas	AT&T +800 988 2112
Barbados	AT&T +800 988 2112
Belize	AT&T +800 988 2112
Bermuda	AT&T +800 988 2112
Bolivia	AT&T +800 988 2112
Brasil	0800-133266 (0800-13-3COM)
Brasil Local	+5511 5643 2700
British Virgin Islands	AT&T +800 988 2112
Cayman Islands	AT&T +800 988 2112
Chile	AT&T +800 998 2112
Colombia	AT&T +800 998 2112
Columbia Local	+571 592 5000
Costa Rica	AT&T +800 998 2112

Country	Telephone Number
Curaçao	AT&T +800 988 2112
Dominican Republic	AT&T +800 998 2112
El Salvador	AT&T +800 988 2112
Ecuador	AT&T +800 988 2112
French Guyana	AT&T +800 988 2112
Grenada	AT&T +800 988 2112
Guadalupe	AT&T +800 988 2112
Guatemala	AT&T +800 998 2112
Guyana	AT&T +800 988 2112
Haiti	AT&T +800 988 2112
Honduras	AT&T +800 998 2112
Jamaica	AT&T +800 988 2112
Mexico	1800 849 2273
Mexico Local	+52-55-52-01-0004
Montserrat	AT&T +800 998 2112
Nicaragua	AT&T +800 998 2112
Panama	AT&T +800 998 2112
Paraguay	AT&T +800 998 2112
Peru	AT&T +800 998 2112
Puerto Rico	AT&T +800 998 2112
Rest of Latin America	508 323 6234
St. Kitts Nevis	AT&T +800 998 2112
St. Lucia	AT&T +800 998 2112
St. Vincent	AT&T +800 998 2112
Suriname	AT&T +800 998 2112
Trinidad and Tobago	AT&T +800 998 2112
Turks and Caicos	AT&T +800 998 2112
Uruguay - Montevideo	AT&T +800 998 2112
Venezuela	AT&T +800 998 2112
Virgin Islands	AT&T +800 998 2112

You can also obtain support in this region in the following ways:

Spanish speakers, enter the URL:
<http://lat.3com.com/lat/support/form.html>

Portuguese speakers, enter the URL:
<http://lat.3com.com/br/support/form.html>

English speakers in Latin America should send e-mail to:
lat_support_anc@3com.com

Country Telephone Number

US and Canada — Telephone Technical Support and Repair

All locations: All 3Com products: 1 800 876 3266

CHINA RoHS

电子信息产品污染控制管理方法
(第39号)
(又名中国RoHS)

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	铜 (Cu)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
印刷电路板及其组件	X	○	○	○	○	○
机箱/隔板/其它金属 和塑料部件	X	○	○	○	○	○
电缆/电线	X	○	○	○	○	○
风扇/风扇盘	○	○	○	○	○	○
安装支架/其它附件	○	○	○	○	○	○
电源供应器及其组件	X	○	○	○	○	○

(○):表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T 11363-2006标准规定的限量要求。
(X):表示该有毒有害物质在该部件的某一均质材料中的含量超出SJ/T 11363-2006标准规定的限量要求。
注:未列于上表之其它零组件和部件皆符合SJ/T 11363-2006中规定的有毒有害物质的限量要求

The above table provides information required under the following Chinese legislation:
Management methods for Controlling Pollution by Electronic Information Products (No. 39)
(also known as China RoHS)

COPYRIGHT AND TRADEMARKS

3Com Corporation, Corporate Headquarters, 350 Campus Drive, Marlborough, MA 01752-3064
Copyright © 2008 3Com Corporation. All rights reserved.

Copyright

No part of any documentation supplied with this product may be reproduced in any form or by any means or used to make any derivative work (such as translation, transformation, or adaptation) without written permission from 3Com Corporation.

3Com Technologies reserves the right to revise any documentation supplied with this product and to make changes in content from time to time without obligation on the part of 3Com Technologies to provide notification of such revision or change.

3Com Technologies provides any documentation supplied with this product without warranty, term, or condition of any kind, either implied or expressed, including, but not limited to, the implied warranties, terms or conditions of merchantability, satisfactory quality, and fitness for a particular purpose. 3Com may make improvements or changes in the product(s) and/or the program(s) described in any documentation supplied with this product at any time.

If there is any software on removable media described in any documentation supplied with this product, it is furnished under a license agreement included with the product as a separate document, in the hard copy documentation, or on the removable media in a directory file named LICENSE.TXT or ILICENSE.TXT. If you are unable to locate a copy, please contact 3Com and a copy will be provided to you.

UNITED STATES GOVERNMENT LEGEND

If you are a United States government agency, then any documentation supplied with this product and the software described therein are provided to you subject to the following:

All technical data and computer software are commercial in nature and developed solely at private expense. Software is delivered as "Commercial Computer Software" as defined in DFARS 252.227-7014 (June 1995) or as a "commercial item" as defined in FAR 2.101(a) and as such is provided with only such rights as are provided in 3Com's standard commercial license for the Software. Technical data is provided with limited rights only as provided in DFAR 252.227-7015 (Nov 1995) or FAR 52.227-14 (June 1987), whichever is applicable. You agree not to remove or deface any portion of any legend provided on any licensed program or documentation supplied to you in connection with this product.

Trademarks

Unless otherwise indicated, 3Com registered trademarks are registered in the United States and may or may not be registered in other countries.

3Com, the 3Com logo and OfficeConnect are registered trademarks of 3Com Corporation.

All other company and product names may be trademarks of the respective companies with which they are associated.

Please e-mail any comments about this document to 3Com at:
pdtechpubs_comments@3com.com. Please include the document title, part number and if appropriate, the page number.