



DATA SHEET

3Com® OfficeConnect® Switches

Key Benefits

Easy to Install and Use

Enjoy plug-and-play simplicity.

Simple Troubleshooting

Get at-a-glance network status information from front-panel diagnostic LEDs, including a unique Alert LED.*

Compact Design

Save valuable small-office space with compact, ergonomic, and clippable design.

Lifetime Limited Warranty

Ensures peace of mind when purchasing OfficeConnect products.

Free Telephone Support

3Com offers telephone assistance during the first 90 days, including installation help and general troubleshooting.

Engineered for Small-Business Needs

The OfficeConnect family is the first solution designed specifically for small-office operations—often imitated but never equaled by other network vendors.

OfficeConnect products provide connectivity for every small office need

Specifically designed for small businesses and offices, 3Com® OfficeConnect® switches and hubs provide businesses with an integrated system of small-office networking. By installing a LAN, users can work more effectively with file and print sharing and reduce costs by sharing expensive resources as printers.

OfficeConnect products provide connectivity for every business need. For the value-conscious user, standard Ethernet hubs are ideal, while Fast Ethernet switches and hubs provide additional speed for high-

volume traffic. OfficeConnect Dual Speed Ethernet switches and hubs feature autosensing technology, allowing users to migrate to higher speeds when needed. They are available in a variety of port densities—from 5 to 16 ports.

OfficeConnect switches and hubs are a core part of the OfficeConnect family, providing small businesses with the power to share information, set up powerful, comprehensive servers, connect remote offices, and access the Internet.

*Available on OfficeConnect Dual Speed Switches Plus models.



OfficeConnect Family

The 3Com OfficeConnect family offers the most flexible, expandable, and integrated networking solutions for small businesses.

OfficeConnect products include:

LAN Connectivity

- Network interface cards
- Switches and hubs
- Networking kits
- HP JetDirect print servers

Remote Access and Internet Connectivity

- LAN modems
- Internet firewalls

Network Server Family

- Network storage servers
- 3Com Internet server



OfficeConnect Dual Speed Switch 8 Plus

OfficeConnect Switches

OfficeConnect Switches are designed for small businesses that want high network performance to exchange larger data files and images, and access real-time information.

OfficeConnect Switches allow dedicated, high-speed connections at either 10BASE-T or 100BASE-TX, making them ideal for connecting servers or multiple hubs in small businesses or offices and providing a flexible migration path. They provide expandable connections for 5, 8, or 16 users or networked devices.

The 'Plus' switches (models 3C16790, 3C16791 and 3C16792) offer premium features, such as auto MDI/X and priority queuing, while the new Switches (models 3C16793 and 3C16794) make reliable networking even more affordable.

OfficeConnect Dual Speed Switches	10/100 autosensing ports	Buffer memory	Autonegotiating full- and half-duplex ports	LED indicators	Priority queuing	MAC addresses supported	MDI/MDIX	Forwarding method	Telephone support and lifetime limited warranty	FCC Class B	External power supply
OfficeConnect Dual Speed Switch 5 Plus (3C16790) A low port density, high-performance, Fast Ethernet switch ideal for boosting network performance with multiple hub aggregation or server connection.	5	1 M	All 5	Alert, Power, Duplex, Port status (activity, connection speed)	✓	1,024	Auto	Store & Forward	✓	✓	11 W
OfficeConnect Dual Speed Switch 8 Plus (3C16791) A popular switch ideal for connecting servers, multiple hubs, or desktops for small businesses that use bandwidth-intensive applications.	8	1 M	All 8	Alert, Power, Duplex, Port status (activity, connection speed)	✓	1,024	Auto	Store & Forward	✓	✓	11 W
OfficeConnect Dual Speed Switch 16 Plus (3C16792) Provides high-performance switching for bandwidth-intensive applications.	16	2 M	All 16	Alert, Power, Activity, Duplex, Speed	✓	2,048	Auto	Store & Forward	✓	✓	11 W
OfficeConnect Switch 5 (3C16793) 3Com quality at an extremely affordable price	5	1 M	All 5	Power, Port status (activity, connection speed)		4,016	Manual	Store & Forward	✓	✓	11 W
OfficeConnect Switch 8 (3C16794) 3Com quality at an extremely affordable price	8	1 M	All 8	Power, Port status (activity, connection speed)		4,016	Manual	Store & Forward	✓	✓	11 W

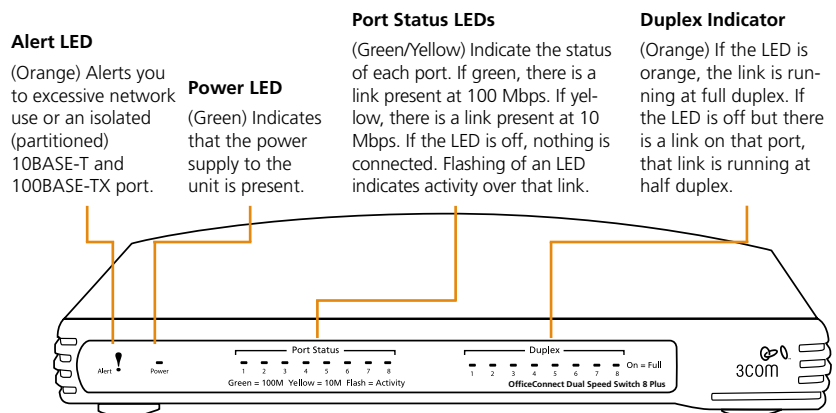
OfficeConnect Switches Features

10/100 autosensing ports	Allows users to connect at either 10 Mbps or 100 Mbps to the switch or hub. The switch or hub will operate at the highest speed possible, optimizing network performance and user flexibility.
Clippable design	One-piece clipping system lets users connect up to four units in a stack. Please note the OfficeConnect Switch 5 (3C16793) and OfficeConnect Switch 8 (3C16794) can only be clipped on top of curved OfficeConnect unit.
External power supply	Provides more flexibility and reduces power requirements in the product, eliminating the need for a noisy fan.
FCC Class B	Indicates that a product is certified for use in domestic as well as office environments (more stringent classification than Class A).
Fully compatible with leading operating systems	OfficeConnect units support Novell NetWare, Microsoft Windows 95, 98, 2000, Windows NT, and other leading software systems, giving the widest range of backward compatibility with existing office software.
Full duplex	Automatically doubles the throughput (to 20 Mbps or 200 Mbps) when ports are connected to other full-duplex devices or ports.
Lifetime limited warranty and telephone support	Provides complete piece of mind.
MDI/MDIX push button switch	Enables direct connection to a server, end station, or another switch or hub, using regular straight-through cables.

Extra features available on "Plus" switches

Priority queuing	Ensures that real-time applications (such as audio or video) take priority so they can run effectively, even during bursts of high traffic load.
Alert LED	A unique LED present on all OfficeConnect switches and hubs provides additional diagnostic information.
Auto MDI/MDIX	This feature eliminates most common cabling problems (see MDI/MDIX push button switch).

OfficeConnect LED Indicators



As this front view of the OfficeConnect Dual Speed Switch 8 Plus illustrates, OfficeConnect units offer a variety of LED indicators. For instance, the Alert LED available on 'Plus' switches. This gives users immediate notification of problems, such as excessive network use, without requiring special technical knowledge.

Specifications

OfficeConnect switches come with a user guide, power adapter, one-piece clipping system, and rubber feet.

OfficeConnect Dual Speed Switch 5 Plus (10BASE-T/100BASE-TX Switch) 3C16790

Connectors:
5 RJ-45 10BASE-T/100BASE-TX ports

Dimensions:
Width: 228 mm (9.1 in)
Height: 41.8 mm (1.6 in)
Depth: 135.4 mm (5.3 in)
Weight: 600 g (1.3 lb)

Power: 3.5 VA

Functional:
ISO 8802/3; IEEE 802.3;

EMC:
EN 55022 Class B; EN 55024;
EN 61000-3-2, EN 61000-3-3,
FCC Part 15 Class B; ICES-003
Class B; VCCI Class B; AS/NZS
3548 Class B

Environmental: EN 60068 (IEC 68)

Safety:
UL 1950; EN 60950; CSA 22.2
#950, IEC 60950

OfficeConnect Dual Speed Switch 8 Plus (10BASE-T/100BASE-TX Switch) 3C16791

Connectors:
8 RJ-45 10BASE-T/100BASE-TX ports

Dimensions:
Width: 228 mm (9.1 in)
Height: 41.8 mm (1.6 in)
Depth: 135.4 mm (5.3 in)
Weight: 600 g (1.3 lb)

Power: 5.6 VA

Functional:
ISO 8802/3; IEEE 802.3

EMC:
EN 55022 Class B; EN 55024;
EN 61000-3-2, EN 61000-3-3,
FCC Part 15 Class B; ICES-003
Class B; VCCI Class B; AS/NZS
3548 Class B

Environmental: EN 60068 (IEC 68)

Safety:
UL 1950; EN 60950; CSA 22.2
#950, IEC 60950

OfficeConnect Dual Speed Switch 16 Plus (10BASE-T/100BASE-TX Switch) 3C16792

Connectors:
16 RJ-45 10BASE-T/100BASE-TX ports

Dimensions:
Width: 228 mm (9.1 in)
Height: 60.6 mm (2.4 in)
Depth: 185.4 mm (7.3 in)
Weight: 1,000 g (2.2 lb)

Power: 10.4 VA

Functional:
ISO 8802/3; IEEE 802.3

EMC:
EN 55022 Class B; EN 55024;
EN 61000-3-2, EN 61000-3-3,
FCC Part 15 Class B; ICES-
003 Class B; VCCI Class B;
AS/NZS 3548 Class B

Environmental: EN 60068 (IEC 68)

Safety:
UL 1950; EN 60950; CSA 22.2
#950, IEC 60950

OfficeConnect Switch 5 (10 BASE-T/100 BASE-TX Switch) 3C16793

Connectors:
5 RJ-45 10BASE-T/100BASE-TX ports

Dimensions:
Width: 220 mm (8.7 in)
Height: 24.2 mm (1 in)
Depth: 135.4 mm (5.3 in)

Weight: 480 g (1.1 lb)

Power: 3 VA

Functional:
ISO 8802/3

IEEE 802.3, 802.3u

EMC:
EN 55022 Class B, EN 55024,
FCC Part 15 Class B; ICES-003
Class B, VCCI Class B, CNS 13438
Class A

Environmental: EN 60068 (IEC 68)

Safety:
UL 1950, EN 60950, CSA 22.2
#950, IEC 60950

OfficeConnect Switch 8 (10 BASE-T/100BASE-TX Switch) 3C16794

Connectors:
8 RJ-45 10BASE-T/100BASE-TX ports

Dimensions:
Width: 220 mm (8.7 in)
Height: 24.2 mm (1 in)
Depth: 135.4 mm (5.3 in)
Weight: 535 g (1.3 lb)

Power: 4 VA

Functional:
ISO 8802/3

IEEE 802.3, 802.3u

EMC:
EN 55022 Class B, EN 55024,
FCC Part 15 Class B; ICES-003
Class B, VCCI Class B, CNS 13438
Class A

Environmental: EN 60068 (IEC 68)

Safety:
UL 1950, EN 60950, CSA 22.2
#950, IEC 60950

Ordering Information

OfficeConnect Dual Speed Switch 5 Plus	3C16790
OfficeConnect Dual Speed Switch 8 Plus	3C16791
OfficeConnect Dual Speed Switch 16 Plus	3C16792

OfficeConnect Switch 5	3C16793
OfficeConnect Switch 8	3C16794

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To learn more about 3Com solutions, visit www.3com.com. 3Com Corporation is publicly traded on Nasdaq under the symbol COMS.

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