



DATA SHEET

3Com® OfficeConnect® Switches

Key Benefits

High-Speed Connectivity

Different switches to meet a variety of connection requirements, from Gigabit only offerings future-proofed for the most bandwidth-intensive applications, to 10/100 switches for general office needs.

Easy to Install and Maintain

Plug-and-play simplicity with no configuration needed, while supporting advanced features such as traffic prioritization and Auto MDI/MDIX on every port. Front panel diagnostic LEDs provide easy at-a-glance network status information.

Award Winning Quality

Designed to the highest standards of quality and reliability, OfficeConnect

switches are supported by a Limited Lifetime Warranty for hardware and 90 days telephone support for any troubleshooting and installation help.

Compact Design and Silent Operation

Saves valuable office space with a compact, clipable design while silent operation ensures no disturbance due to noisy fans.

Part of Complete Solution

Build a complete networking solution with the OfficeConnect Family, designed to meet all your needs including wireless, security and encryption products.

Designed specifically for small offices that require high network performance

OfficeConnect switches are designed specifically for small offices that require high network performance to exchange large data files and images, and access real-time information.

The OfficeConnect Switch family offers connections at 1000BASE-T, 100BASE-TX or 10BASE-T, with an effective throughput of up to 3.2Gbps, making them ideal for connecting to high-speed servers, for high-speed data links into the core of the network, or for connecting to multiple switches or hubs in small offices. The OfficeConnect Switch family offers a highly flexible migration path for businesses upgrading to faster network connections.

Models include switches with 5, 8 and 16 10/100 ports, as well as an 8 port 10/100 switch with an integrated gigabit port, and 5 or 8 port gigabit switches.

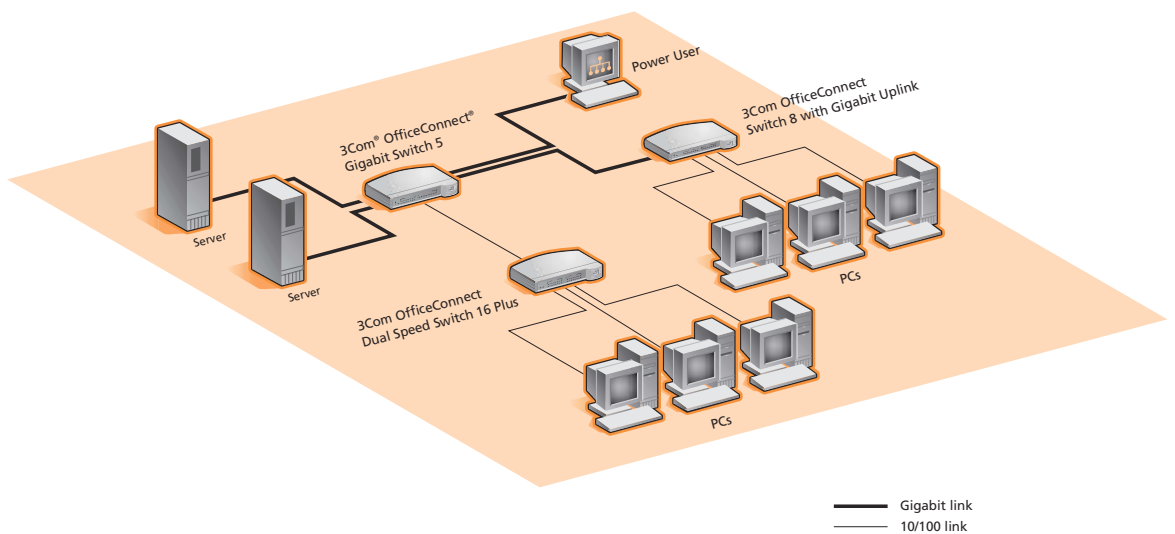
The "Plus" switches offer advanced features such as traffic prioritization and Auto MDI/MDIX on every port to increase to ease-of-use of the switches and allow more advanced real-time applications such as voice and video to be run over the network

For the most cost-conscious, the Switch 5 and Switch 8 offer high-quality, reliable networking at an even more affordable price

3Com OfficeConnect Switches at-a-glance

	10/100 ports	10/100/1000 Ports	Buffer memory	LED indicators	Priority queuing	Number of queues	No. MAC Addresses	MDI/MDIX	Silent (no fan)	FCC Class B	External power supply	Stacking clip included?	Limited Lifetime Warranty
3Com OfficeConnect Switch 8 with Gigabit Uplink	8	1	2Mb	✓	✓	2	4K	Auto	✓	✓	11W	✓	✓
3Com OfficeConnect Gigabit Switch 5	–	5	1Mb	✓	✓	2	4K	Auto	✓	✓	11W	✓	✓
3Com OfficeConnect Gigabit Switch 8	–	8	1Mb	✓	✓	2	4K	Auto	✓	✓	16W	✓	✓
3Com OfficeConnect Dual Speed Switch 5 Plus	5	–	512Kb	✓	✓	2	2K	Auto	✓	✓	11W	✓	✓
3Com OfficeConnect Dual Speed Switch 8 Plus	8	–	512Kb	✓	✓	2	2K	Auto	✓	✓	11W	✓	✓
3Com OfficeConnect Dual Speed Switch 16 Plus	16	–	1Mb	✓	✓	2	2K	Auto	✓	✓	11W	✓	✓
3Com OfficeConnect Switch 5	5	–	512Kb	✓	–	–	2K	Manual	✓	✓	11W		✓
3Com OfficeConnect Switch 8	8	–	512Kb	✓	–	–	2K	Manual	✓	✓	11W		✓

Network Diagram



Features and Benefits

All OfficeConnect Switches

Feature	Benefit
Wirespeed, 10/100 connectivity	Allows users to connect at 100Mbps or 10Mbps, ensuring optimum throughput whilst ensuring compatibility with legacy equipment
Full duplex support	Allow full, two-way data transfer, doubling the effective bandwidth of your network
Silent operation	With no fan, OfficeConnect switches ensure no disturbance to the workplace
Operating System independent	To allow maximum integration of different operating systems within your network, with no extra configuration of the network required
FCC Class B certified	All OfficeConnect switches are certified for home as well as office use. This is a more stringent certification than Class A.
Limited Lifetime Warranty	Provides complete peace of mind

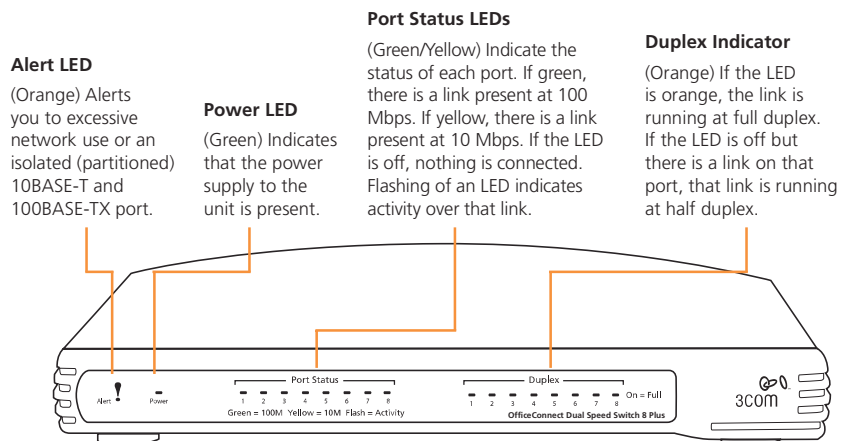
Gigabit switches

Feature	Benefit
High Speed Gigabit Connectivity	Support for the most bandwidth intensive applications, and to allow high-speed connections to servers and the rest of your network
Traffic Prioritization	Ensures that real-time applications (such as voice and video) take priority so they can run effectively, even during bursts of high traffic load
Auto MDI/MDIX on every port	Eliminates most common cabling problems, whether the port is connected to a server, PC, or another switch or hub

Plus switches

Feature	Benefit
Traffic Prioritization	Ensures that real-time applications (such as voice and video) take priority so they can run effectively, even during bursts of high traffic load
Auto MDI/MDIX on every port	Eliminates most common cabling problems, whether the port is connected to a server, PC, or another switch or hub

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

Common Family Characteristics

EMC:
EN55022, Class B, EN55024,
EN61000-3-2, EN61000-3-3,
FCC Part 15 Class B, ICES-003
Class B, VCCI Class B, AS/NZS
3548 Class B

Safety:
EN60950, UL 1950, CSA 22.2
No.950, IEC 60950

Functional:
ISO 8802/3
EEE 802.3i, 802.3u, 802.3ab*

Environmental:
EN60068 (IEC 68)

Packaging Contents:
3C16790, 3C16791, 3C16792,
3C1670500A, 3C1670800,
3C1670108

- Intallation guide
- Power adaptor
- One-piece clipping system
- Rubber feet

Packaging Contents:
3C16793, 3C16794
• Intallation guide
• Power adapter
• 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: 3.2W

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: 4.2W

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: 11W

OfficeConnect Switch 5 (10BASE-T/100BASE-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: 2.4W

OfficeConnect Switch 8 (10BASE-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: 3.7W

OfficeConnect Gigabit Switch 5 3C1670500

Connectors:
5 RJ-45 10BASE-T/
100BASE-TX/1000BASE-T 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: 8.3W

OfficeConnect Gigabit Switch 8 3C1670800

Connectors:
8 RJ-45 10BASE-T/
100BASE-TX/1000BASE-T 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: 13.5W

OfficeConnect Switch 8 with Gigabit Uplink 3C1670108

Connectors:
8 RJ-45 10BASE-T/100BASE-TX
ports
1 RJ-45 10BASE-T/
100BASE-TX/1000BASE-T port

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: 8.5W

* 3C1670500A and 3C1670108 products only

Ordering Information

OfficeConnect Dual Speed Switch 5 Plus	3C16790	OfficeConnect Switch 8	3C16794
OfficeConnect Dual Speed Switch 8 Plus	3C16791	OfficeConnect Gigabit Switch 5	3C1670500
OfficeConnect Dual Speed Switch 16 Plus	3C16792	OfficeConnect Gigabit Switch 8	3C1670800
OfficeConnect Switch 5	3C16793	OfficeConnect Switch 8 with Gigabit Uplink	3C1670108



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