



## DATA SHEET

# 3Com® OfficeConnect® Hubs

## Key Benefits

### Easy to Install and Use

Easy plug-and-play simplicity.

### Simple Troubleshooting

Get at-a-glance network status information from front-panel diagnostic LEDs.

### Compact Design

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

### Lifetime Limited Warranty

Ensures peace of mind when purchasing 3Com® 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 4 to 16 ports.

OfficeConnect Switches and Hubs are a core part of the 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

### Remote Access and Internet Connectivity

- LAN modems
- Internet Gateway Routers
- Internet firewalls



OfficeConnect Dual Speed Hub 16

## OfficeConnect Dual Speed Hubs

The OfficeConnect family of dual speed hubs provides full 100 Mbps performance and is designed for small businesses that want more performance from their network. This family of hubs delivers quick exchange of data between PCs and swift downloading from the network. OfficeConnect Dual Speed Hubs feature 10/100 autosensing technology and provide the flexibility to connect devices at either speed—automatically assigning power where possible and offering a smooth transition from 10 Mbps to 100 Mbps.

Each hub features plug-and-play installation, requires no configuration, has an easy-to-read, front-panel display with diagnostic LEDs. All hubs are backed by 3Com's Limited Lifetime Warranty and 90-day telephone support.

OfficeConnect Dual Speed Hubs	10/100 autosensing ports	LED indicators	MAC addresses supported	MDI/MDIX port	Telephone support and Limited Lifetime Warranty	FCC Class B	External power supply
<b>OfficeConnect Dual Speed Hub 5 (3C16755)</b> A low density affordable hub.	5	Power, Port Status, Collision	1,024	✓	✓	✓	11 W
<b>OfficeConnect Dual Speed Hub 8 (3C16753)</b> A popular hub combining Fast Ethernet performance with the flexibility to expand an existing Ethernet network to Fast Ethernet.	8	Power, Port status, Collision	1,024	✓	✓	✓	11 W
<b>OfficeConnect Dual Speed Hub 16 (3C16754)</b> Ideal for Fast Ethernet connectivity with the flexibility to expand an existing Ethernet network to Fast Ethernet.	16	Power, Network utilization, Port status, Collision	1,024	✓	✓	✓	11 W



OfficeConnect Ethernet Hub 8

## OfficeConnect Ethernet Hubs

The OfficeConnect family of Ethernet hubs is specifically designed for small businesses with basic networking requirements, such as file or peripheral sharing, or for those who simply want to add additional users to a 10BASE-T network. OfficeConnect hubs offer compatibility with legacy coax networks and provide connections for 4, 8, or 16 users or networked devices.

	10BASE-T RJ-45	10BASE-T coax	10BASE-T AUI	LED indicators	Network utilization (LED)	MDI-MDIX port	Telephone support and Limited Lifetime Warranty	FCC Class B	External power supply
<b>OfficeConnect Ethernet Hub 4 (3C16704A)</b> A low-cost, entry-level hub, providing basic Ethernet connectivity.	4			✓		✓	✓	✓	11 W
<b>OfficeConnect Ethernet Hub 4C (3C16703A)</b> Ideal for entry-level networks requiring alternative media connectivity.	4	1	1	✓	✓	✓	✓	✓	11 W
<b>OfficeConnect Ethernet Hub 8 (3C16700A)</b> A popular entry-level hub providing basic Ethernet connectivity.	8			✓		✓	✓	✓	11 W
<b>OfficeConnect Ethernet Hub 8C (3C16701A)</b> Ideal hub for businesses wanting to expand their existing coaxial network.	8	1		✓	✓	✓	✓	✓	11 W
<b>OfficeConnect Ethernet Hub 16C (3C16702A)</b> Provides expanded network capacity and connectivity to legacy coaxial networks.	16	1		✓	✓	✓	✓	✓	11 W

## Features and Benefits

Feature	Benefit
10/100 autosensing ports	Allows users to connect at either 10 Mbps or 100 Mbps to the hub. The hub will operate at the highest speed possible, optimizing network performance and user flexibility.
Compact and clippable design	One-piece clipping system lets users connect up to four units in a stack.
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.
Lifetime limited warranty and telephone support	Provides complete peace 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.
Network utilization meter (available on most OfficeConnect hubs)	Indicates how much of the network bandwidth is in use. These LEDs are continually updated to show when the network needs more bandwidth.

## Specifications

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

### OfficeConnect Ethernet Hub 4 (10BASE-T Hub) 3C16704A

**Connectors:**  
4 RJ-45 ports for 10BASE-T twisted pair

**Dimensions:**  
Width: 228 mm (9.1 in)  
Height: 41.8 mm (1.6 in)  
Depth: 135.4 mm (5.3 in)  
Weight: 500 g (1.1 lb)

**Power:** 2.33 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 Ethernet Hub 4C (10BASE-T Hub) 3C16703A

**Connectors:**  
4 RJ-45 ports for 10BASE-T twisted pair; one BNC port for 10BASE2 thin Ethernet (50 ohm); one AUI

**Dimensions:**

Width: 228 mm (9.1 in)  
Height: 41.8 mm (1.6 in)  
Depth: 135.4 mm (5.3 in)  
Weight: 500 g (1.1 lb)

**Power:** 10.3 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 Ethernet Hub 8 (10BASE-T Hub) 3C16700A

**Connectors:**  
8 RJ-45 ports for 10BASE-T twisted pair

**Dimensions:**  
Width: 228 mm (9.1 in)  
Height: 41.8 mm (1.6 in)  
Depth: 135.4 mm (5.3 in)  
Weight: 500 g (1.1 lb)

**Power:** 3.13 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 Ethernet Hub 8C (10BASE-T Hub) 3C16701A

**Connectors:**  
8 RJ-45 ports for 10BASE-T twisted pair; one BNC port for 10BASE2 thin Ethernet (50 ohm)

**Dimensions:**  
Width: 228 mm (9.1 in)  
Height: 41.8 mm (1.6 in)  
Depth: 135.4 mm (5.3 in) + 15.2 mm (0.6 in) for coaxial port  
Weight: 550 g (1.2 lb)

**Power:** 5.53 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

## Specifications, *continued*

### OfficeConnect Ethernet Hub 16C (10BASE-T hub) 3C16702A

**Connectors:**  
16 RJ-45 ports for 10BASE-T twisted pair; one BNC port for 10BASE2 thin Ethernet (50 ohm)

**Dimensions:**  
Width: 228 mm (9.1 in)  
Height: 60.6 mm (2.4 in)  
Depth: 185.4 mm (7.3 in)  
Weight: 960 g (2.1 lb)

**Power:** 6.73 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 Hub 5 (10BASE-T/ 100BASE-TX Hub) 3C16755

**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: 484 g (1.05 lb)

**Power:** 3 VA

**Functional:**  
ISO 8802/3, IEEE 802.3

**EMC:**  
EN 55022 Class B, EN 50082-1, FCC Part 15 Class B, KES 003 Class B, VCCI Class B, CNS 13438 Class A

**Environmental:** EN 60068 (IEC68)

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

### OfficeConnect Dual Speed Hub 8 (10BASE-T/100BASE-TX Hub) 3C16753

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

**Dimensions:**  
Width: 228 mm (1.6 in)  
Height: 41.8 mm (2.4 in)  
Depth: 135.4 mm (5.3 in)  
Weight: 552 g (1.2 lb)

**Power:** 3 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 Hub 16 (10BASE-T/100BASE-TX) 3C16754

**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: 945 g (2.08 lb)

**Power:** 8 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

## Ordering Information

OfficeConnect Dual Speed Hub 5	3C16755
OfficeConnect Dual Speed Hub 8	3C16753
OfficeConnect Dual Speed Hub 16	3C16754

OfficeConnect Ethernet Hub 4	3C16704A
OfficeConnect Ethernet Hub 4C	3C16703A
OfficeConnect Ethernet Hub 8	3C16700A
OfficeConnect Ethernet Hub 8C	3C16701A
OfficeConnect Ethernet Hub 16C	3C16702A



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