



DATA SHEET

3Com® OfficeConnect® Wireless Cable/DSL Gateway

Key Benefits

An affordable gateway router offering secure wireless shared Internet access

Shared Internet Access for Wireless and Wired Users

Up to 32 wireless users or up to 253 total wireless and wired users can share access to a single cable or DSL modem, benefiting from robust routing features at an attractive price.

Economical, Wireless-LAN User Mobility

The 3Com® OfficeConnect® Wireless Cable/DSL Gateway lets users with 802.11b equipped PCs and laptops economically access the Internet. It conforms to the Wi-Fi industry standard so is interoperable with other Wi-Fi products.

The 3Com OfficeConnect Wireless Cable/DSL Gateway is a high quality, easy-to-use small office gateway router allowing up to 32 wireless and up to 253 total wireless and wired 802.11b equipped PCs and laptops to share a single broadband Internet connection. Designed for small offices, branch offices, and the home office, the gateway router gives users 3Com reliability and includes Network Address Translation, Hacker-Pattern Detection, and 128-bit encryption to help keep networks secure. Ease of use is supported by device discovery and other setup wizards, preset defaults, and an intuitive browser-based user interface. Features such as IP routing and firewall privacy combined with an integrated 10/100 four-port switch and 802.11b access point make it an ideal solution for

Multiple Firewall Security Features

Hacker Pattern Detection automatically blocks malicious intrusions for the local network. Network Address Translation (NAT) conceals private networks from outside view while VPN pass through allows secure communication between offices.

Reliable and Simple to Use

Product quality and reliability are assured, and supported by a Limited Lifetime Hardware Warranty. Browser-based user interface, device discovery, and simple setup wizards ease installation, configuration and administration.

small office wireless broadband Internet sharing. As part of the award-winning 3Com OfficeConnect family, product quality and reliability are assured and supported by a Limited Lifetime Hardware Warranty.

3Com has been consistently recognised as the #1 computer networking brand for small and medium businesses*. 3Com continues to deliver complete solutions designed for small offices and larger enterprises with the award-winning OfficeConnect and SuperStack product families. 3Com provides a broad range of small office products including LAN Switches, wireless LANs, and gateway routers. As a leader in the networking business since 1979, 3Com provides solutions that grow with your business.

Specifications

Minimum System Requirements

Any computer with an Ethernet 10BASE-T interface that is configured for Internet communication

Any operating system that supports an Ethernet connection with an IP stack (Installation CD requires Windows 95, Windows 98, Windows NT 4.0, Windows ME, Windows XP, or Windows 2000)

Cable or DSL modem with an Ethernet port and an active broadband connection from with an active broadband connection

For wireless access, PC or laptops with 802.11b adapter cards

Dimensions and Weight

Height: 24.2 mm (1 in)
Width: 220 mm (8.7 in)
Depth: 135.4 mm (5.3 in)
Weight: 592 g (1.3 lb)

Power

Supplied using External OfficeConnect Power Supply:

Operating input voltage: 10-30V

Operating frequency: 47-63Hz
Maximum power consumption: 6.5W

Environmental Range

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

Non-operating temperature: -40° to 70°C (-40° to 158°F)

Operating humidity: 0 to 90% non-condensing

Wireless Hardware Components

IEEE 802.11b for Wireless LAN
11, 5.5, 2,1 Mbps data rate per channel, Auto Fallback

2.4-2.4835 GHz, Direct Sequence Spread Spectrum

Operating Range:
Indoor maximum: 91m
Outdoor maximum: 457m

40/64 bit and 128 bit WEP encryption

IP Protocol Set

Dynamic IP addressing
Static IP addressing
DHCP Server
NAT/PAT (with TCP and UDP)
NAT
PPPoE
PAP
CHAP
UDP
IP
TCP
IPCP
PPTP
SNTP

Physical Ports

WAN: 1 autosensing 10BASE-T/100BASE-TX with Auto MDI/MDIX detection

LAN: 4 autosensing 10BASE-T/100BASE-TX

Privacy/Security

Event logging
40/64-bit and 128-bit WEP
Disable broadcast SSID
MAC address filtering
NAT/PAT (with TCP and UDP)
Firewall with Hacker Pattern Detection
8 tunnel passthrough for PPTP
1 tunnel passthrough for IPsec

Installation, Configuration, and Management

Browser-based administration
Wireless-installation and device-discovery wizards

Pre-set defaults

Remote management

Save and restore configuration files

LED Indicators

Power
WAN port status – link, activity
LAN ports status – link, speed and activity
WLAN port status – link, activity
Alert/diagnostics

Regulatory/Agency Approvals

Safety: UL 1950, EN 60950
CSA 22.7 #950, IEC 60950

Emissions: 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)

UL Listed
CSA certified

Package Contents

- OfficeConnect Wireless Cable/DSL Gateway
- OfficeConnect power adapter
- Install Guide
- CD ROM containing the Gateway Discovery program and the User Guide
- One straight-through category 5 UTP patch cable
- Four rubber feet

Warranty and Non-Warranty Services

Limited Lifetime Hardware warranty. Refer to <http://www.3com.com> for details.

Ordering Information

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|---|------------|
| 3Com OfficeConnect Wireless Cable/DSL Gateway | 3CRWE52196 |
|---|------------|

The 3Com OfficeConnect Wireless Cable/DSL Gateway can be used with these 3Com products:

| | |
|---|--------------|
| 3Com 11 Mbps Wireless LAN Workgroup Bridge | 3CWE83096A |
| 3Com 11 Mbps Wireless LAN Access Point 2000 | 3CRWE20096A |
| 3Com OfficeConnect 11 Mbps Wireless LAN CardBus PC Card | 3CRSHPW796 |
| 3Com OfficeConnect 11 Mbps Wireless LAN PC Card with XJACK® Antenna | 3CRSHPW196 |
| 3Com OfficeConnect 11 Mbps Wireless LAN USB Adapter | 3CRWESHEW696 |

Not approved for sale in all countries. Check with your nearest 3Com office for local availability.

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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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