



DATA SHEET

3Com® 11 Mbps Wireless LAN Workgroup Bridge

Quickly and cost-effectively create Wi-Fi certified workgroups for up to four Ethernet-enabled devices

Key Benefits

Affordable

The 3Com® 11 Mbps Wireless LAN Workgroup Bridge allows effortless wired-to-wireless bridging for any Ethernet-enabled device without an available PC Card or PCI card slot such as PCs, printers, phones, and Internet appliances. By connecting the bridge to a hub, like our OfficeConnect® Dual Speed Hub 5, connections are available for up to four client devices at only a fraction of the cost when compared to using standard Wi-Fi certified adapters.

Convergence

Use the bridge with our NBX® Networked Telephony Solutions to deploy reliable, fully managed voice and data networks in no time. Improve productivity by connecting all worktops: phones, laptops, workstations, printers, and more.

Compatibility

Unlike products that require proprietary protocols, our workgroup bridge can connect up to four devices to any Wi-Fi certified access point, such as our Access Point 6000 or AirConnect® access point. And you can give all of your non Windows-based computers, such as Macintosh and Linux, wireless connectivity.

Security

Dynamic Security Link*, using 128-bit session key encryption (where allowed by law), automatically negotiates a unique security key for each user, each session, keeping all your confidential information safe. And 40-bit WEP and 128-bit encryption help boost your security front to virtually unbreakable levels.

Manageability

Setting up our workgroup bridge is simple, because in most cases it doesn't require configuration. Once setup is complete, you can remotely manage the bridge using a standard Web browser or SNMP management tools. And the firmware upgrade utility makes it easy to add new features.

Ease of Use

With the 3Com 11 Mbps Wireless LAN Workgroup Bridge, there is a one-time configuration at initial setup for a true plug-and-play experience. Auto Network Connect keeps users connected to the wireless network, even while roaming across IP subnets. Choose ad-hoc mode when users don't need to communicate with an access point or infrastructure mode when they do.

*Dynamic Security Link works only when used in conjunction with the 3Com 11 Mbps Wireless LAN Access Point 6000.

Specifications

Interfaces

Ethernet interface: RJ-45
10BASE-T

802.11b/ Wi-Fi Compliant
(2.4GHZ DSSS)

Network Management

- An embedded HTTP Web management server in each access point works with any Web browser that supports HTML, such as Microsoft Internet Explorer
- SNMP compliant
- Remote configuration (if required)

Security

- 40-bit WEP and 128-bit (shared and session key) encryption
- 128-bit dynamic security key encryption with built-in Dynamic Security Link

Supported Devices

- Wintel PCs equipped with Ethernet cards
- Thin clients
- Mac/Apple machines
- Linux/Unix workstations
- Network printers
- Ethernet-enabled appliances
- And/or a mix of all the former

Standards Conformance

WECA Wi-Fi certification

IEEE 802.11b High Rate

IEEE 802.11

IEEE 802.3

IEEE 802.1d

HTTP

Protocol Support

TCP/IP

IPX

NetBEUI

DHCP

Safety and Electromagnetic Conformance

Safety: UL1950/CSA 22.2; CE

Radio: FCC Part 15B

Physical Dimensions

Height: 109 mm (4.29 in)

Width: 82 mm (3.24 in)

Depth: 39 mm (1.52 in)

Environmental Operating Ranges

Temperature: 0 to 40°C
(32 to 104°F)

Humidity: 10 to 95%
non-condensing

Warranty

One-year limited warranty

Ordering Information

Product Name	For Use In	Order Number
3Com 11 Mbps Wireless LAN Workgroup Bridge	U.S./Canada	3CRWE83096A
3Com 11 Mbps Wireless LAN Workgroup Bridge	European and Latin American countries	3CRWE83096A-E1
3Com 11 Mbps Wireless LAN Workgroup Bridge	Asia/Pacific Rim	3CRWE83096A-AP
3Com 11 Mbps Wireless LAN Workgroup Bridge	France and Singapore	3CRWE83096A-FR
3Com 11 Mbps Wireless LAN Workgroup Bridge	South Korea	3CRWE83096A-SK

The 3Com 11 Mbps Wireless LAN Workgroup Bridge can be used in conjunction with the following 3Com products:

3Com 11 Mbps Wireless LAN Access Point 6000	3CRWE60092A
3Com OfficeConnect Dual Speed Hub 5	3C16755
3Com SuperStack® 3 NBX Networked Telephony Solution	*
3Com NBX 100 Communications System	*
3Com NBX 25 Communications System	*

*Please consult your authorized 3Com NBX reseller for the right networked telephony solution to meet your communication needs. For NBX product and reseller information, go to www.3com.com/telephone_systems



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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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