

Cisco WMP200 Wireless-G Business PCI Adapter: RangeBooster

Cisco Small Business Wireless Adapters

Secure, Wireless Access for Desktop PCs

Highlights

- Extends wireless access to desktop PCs, expanding placement options and saving on wiring costs
- Increases wireless throughput and range and reduces “dead spots” in the wireless coverage area with RangeBooster technology
- Protects network traffic to safeguard business information with enhanced security, including advanced encryption and security monitoring for additional visibility
- Easy installation with setup wizard

Figure 1. Cisco WMP200 Wireless-G Business PCI Adapter: RangeBooster



Product Overview

The Cisco® WMP200 Wireless-G Business PCI Adapter with RangeBooster (Figure 1) installs in most desktop and tower PCs and lets you put your computer almost anywhere in the building without the cost and hassle of running network cables.

RangeBooster technology, a compatible add-on to standard Wireless-G, can nearly double the range of your wireless network and increase its throughput by up to 35 percent. Unlike ordinary wireless technologies that are confused by signal reflections, RangeBooster uses two smart receivers at each end to detect and decode reflected signals at distances where standard technologies give up. You'll also find that “dead spots” in the wireless coverage area are reduced.

The advanced security features make this solution ideal for your business. Advanced wireless security using Wi-Fi Protected Access (WPA2) with up to 256-bit encryption, and Wireless Security Monitoring give your business the visibility and protection it needs. Used when a Cisco WAP200 Wireless-G Access Point is present, Wireless Security Monitoring alerts you of possible wireless intruders and vulnerabilities in the wireless network.

Features

- Compatible with Microsoft Windows 2000 Service Pack 4 or later and XP Service Pack 2 or later
- Compatible with Wireless-B (802.11b) and Wireless-G (802.11g) standards
- Easy-to-use setup wizard
- Supports Wired Equivalent Privacy (WEP), WPA-Personal, WPA2-Personal, WPA-Enterprise, and WPA2-Enterprise authentication (802.11i ready)
- Security monitor (rogue access point and client detection, vulnerabilities in wireless deployment)
- Plug-and-play operation provides easy setup

Specifications

Table 1 contains the specifications, package contents, and minimum requirements for the Cisco WMP200 Wireless-G Business PCI Adapter.

Table 1. Specifications for the Cisco WMP200 Wireless-G Business PCI Adapter: RangeBooster

Specifications	
Standards	IEEE 802.11g, IEEE 802.11b, IEEE 802.1x (security authentication), IEEE 802.11i
Channels	<ul style="list-style-type: none"> • 802.11b / 802.11g • 11 channels (U.S., Canada) • 13 channels (Europe) • 14 channels (Japan)
LEDs	Link/Act
Modulation	802.11b: CCK (11 Mbps), DQPSK (2 Mbps), DBPSK (1 Mbps); 802.11g: OFDM
Peak gain of the antenna	2 dBi
Transmitted power	<ul style="list-style-type: none"> • 802.11b: 19–20 dBm • 802.11g: 16–17 dBm
Receive sensitivity	<ul style="list-style-type: none"> • 11Mbps @ -88dBm, PER <= 8% • 54Mbps @ -77dBm, PER <=10%
Security	
Security features	WEP, WPA-Personal, WPA-Enterprise, WPA2-Personal, WPA2-Enterprise with RADIUS
WEP key bit lengths	64 bit and 128 bit
Security monitor	Intrusion alarms (e.g., rogue client detected, spoofed MAC address), vulnerability alarms (e.g., access point is not using encryption, access point is broadcasting service set identifier [SSID])
Environmental	
Dimensions (W x H x D)	2.52 x 0.55 x 5 in. (64 x 14 x 127 mm)
Unit Weight	0.13 lb (0.06 kg)
Power	3.3V
Certification	FCC, IC, CE, Wi-Fi (802.11b/g)
Operating temperature	32° to 149°F (0° to 65°C)

Storage temperature	-4° to 185°F (-20° to 85°C)
Operating humidity	10% to 85% noncondensing
Storage humidity	5% to 90% noncondensing
Package Contents	
<ul style="list-style-type: none"> • Cisco WMP200 Wireless-G Business PCI Adapter with RangeBooster • Two external antennas • Setup wizard CD-ROM • User guide on CD-ROM • Quick installation guide 	
Minimum Requirements	
<ul style="list-style-type: none"> • 600-MHz or faster PC • At least 256 MB of RAM • CD-ROM drive • Available PCI slot • Windows 2000 with Service Pack 4 or later, or XP with Service Pack 2 or later 	
Product Warranty	
3-year limited hardware warranty with return to factory replacement and 90-day limited software warranty.	

Cisco Limited Warranty for Cisco Small Business Series Products

This Cisco Small Business product comes with a 3-year limited hardware warranty with return to factory replacement and a 90-day limited software warranty. In addition, Cisco offers software application updates for bug fixes and telephone technical support at no charge for the first 12 months following the date of purchase. To download software updates, go to:

<http://www.cisco.com/go/smallbiz>.

Product warranty terms and other information applicable to Cisco products are available at

<http://www.cisco.com/go/warranty>.

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